

## ANNEX A

### SCHEDULE OF RECOGNITION – TESTING LABORATORIES

Facility Number	UNBS/LRS/0018	S/N	Technical Signatories	Method
<p>Uganda Industrial Research Institute - Analytical Laboratories</p> <p>P.O. Box 7086 Kampala</p> <p>Plot 42A, Mukabya Road – Nakawa Industrial Area, Kampala</p>		1.	MUHEREZA IVAN (Technical Signatory)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> </ul>

			<ul style="list-style-type: none"> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> <li>• ISO 9965:1993, Determination of Selenium in water</li> <li>• ISO 6059:1984, Determination of Total Hardness in water</li> <li>• ISO 7980:1986, Determination of Calcium and Magnesium in water</li> <li>• ASTM D 5907:2018, Determination of TDS in Water</li> <li>• ISO 10523:2008, Determination of pH in Water</li> <li>• ISO 7887:2011, Determination of colour and conductivity in Water</li> <li>• ISO 11923:1997, Water quality — Determination of suspended solids by filtration through glass-</li> </ul>
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		<p>fibre filters</p> <ul style="list-style-type: none"> <li>• ISO 9964-1:1993, Water quality — Determination of sodium and potassium — Part 1: Determination of sodium by atomic absorption spectrometry.</li> <li>• ISO 22743:2006, Water quality — Determination of sulphates in water</li> <li>• ISO 7890-3:1988, Determination of Nitrates in water</li> <li>• ISO 10359-1:1992, Determination of Fluorides in water</li> <li>• ISO 15681-2:2018, Water quality — Determination of orthophosphate and total phosphorus contents</li> <li>• ISO 7393-1:1985, Water quality — Determination of free chlorine and total chlorine</li> <li>• ISO 3960:2017, Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination</li> <li>• ISO 660:2020, Animal and vegetable fats and oils — Determination of acid value and acidity</li> <li>• ISO 3961:2024, Animal and vegetable fats and oils — Determination of iodine value</li> <li>• ISO 662:2016, Animal and vegetable fats and oils — Determination of moisture and volatile matter content</li> <li>• ISO 17189:2003, Butter, edible oil emulsions and spreadable fats — Determination of fat content (Reference method)</li> <li>• ISO 8294:1994, Animal and vegetable fats and oils — Determination of copper, iron and nickel contents</li> <li>• AOAC 994.02-1994(2000) Determination of Lead in edible oils and fats</li> <li>• ISO 6883:2017 Animal and vegetable fats and oils — Determination of conventional mass per volume (litre weight in air)</li> <li>• ISO 6320:2017, Determination of Refractive index in Oils and Fats</li> <li>• ISO 15305:1998, Determination of colour in Oils and Fats</li> <li>• ISO 663:2017, Animal and vegetable fats and oils — Determination of insoluble impurities content</li> <li>• AOAC 925.56-1925, Determination of Iodine in salt by Titrimetric method</li> <li>• ISO 2483:1973, Determination of sodium chloride in salt</li> <li>• ISO 2479:1972, Determination of matter insoluble in water or in acid and preparation of principal solutions for other determinations in salt</li> <li>• ISO 2482:1972, Determination of calcium and magnesium in salt</li> <li>• AOAC 999.10-2005(2006), Determination of heavy metals in salt</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• ISO 2480:1972, Determination of sulphate content in salt</li> <li>• ISO 1692:1976, Determination of total alkalinity in salt — Titrimetric method</li> <li>• US EAS 901:2017, test methods for cereals, pulses and their products.</li> <li>• US EAS 847:2017, Determination of pH in cosmetics and oils for cosmetics industry.</li> </ul>
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	2.	<b>WAIBALE WILBER (Technical Signatory)</b>	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of</li> </ul>



			<p>crude protein content</p> <ul style="list-style-type: none"> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> </ul>
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	3.	<b>AYEBARE BRENDA (Technical Signatory)</b>	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> </ul>

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			<p>matter content</p> <ul style="list-style-type: none"> <li>• ISO 17189:2003, Butter, edible oil emulsions and spreadable fats — Determination of fat content (Reference method)</li> <li>• ISO 8294:1994, Animal and vegetable fats and oils — Determination of copper, iron and nickel contents</li> <li>• AOAC 994.02-1994(2000) Determination of Lead in edible oils and fats</li> <li>• ISO 6883:2017 Animal and vegetable fats and oils — Determination of conventional mass per volume (litre weight in air)</li> <li>• ISO 6320:2017, Determination of Refractive index in Oils and Fats</li> <li>• ISO 15305:1998, Determination of colour in Oils and Fats</li> <li>• ISO 663:2017, Animal and vegetable fats and oils — Determination of insoluble impurities content</li> <li>• AOAC 925.56-1925, Determination of Iodine in salt by Titrimetric method</li> <li>• ISO 2483:1973, Determination of sodium chloride in salt</li> <li>• ISO 2479:1972, Determination of matter insoluble in water or in acid and preparation of principal solutions for other determinations in salt</li> <li>• ISO 2482:1972, Determination of calcium and magnesium in salt</li> <li>• AOAC 999.10-2005(2006), Determination of heavy metals in salt</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• ISO 2480:1972, Determination of sulphate content in salt</li> <li>• ISO 1692:1976, Determination of total alkalinity in salt — Titrimetric method</li> <li>• US EAS 901:2017, test methods for cereals, pulses and their products.</li> <li>• US EAS 847:2017, Determination of pH in cosmetics and oils for cosmetics industry.</li> <li>• ISO 685:2020, Analysis of soaps — Determination of total alkali content and total fatty matter content</li> <li>• ISO 673:1981, Soaps — Determination of content of ethanol-insoluble matter</li> <li>• ISO 684:1974, Analysis of soaps — Determination of total free alkali</li> <li>• ISO 456:1973, Analysis of soaps — Determination of free caustic alkali</li> <li>• ISO 457:1983, Soaps — Determination of chloride content — Titrimetric method</li> <li>• ISO 672:1978, Soaps — Determination of moisture and volatile matter content — Oven method</li> <li>• ISO 6839:1982, Soaps- Determination of matter insoluble in water</li> <li>• ISO 1573:1980 Tea — Determination of loss in mass at 103 degrees C</li> <li>• ISO 1575:1987, Tea — Determination of total ash</li> <li>• ISO 1577:1987, Tea — Determination of acid-insoluble ash</li> <li>• ISO 1578:1975, Tea - determination of the alkalinity of water-soluble ash</li> <li>• ISO 9768:1994, Tea — Determination of water extract</li> <li>• ISO 1576:1988, Tea — Determination of water-soluble ash and water-insoluble ash</li> </ul>
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			<ul style="list-style-type: none"> <li>• ISO 15598:1999, Tea — Determination of crude fibre content</li> <li>• ISO 6496:1999, Animal feeding stuffs — Determination of moisture and other volatile matter content</li> </ul>
	4.	<b>GAZET ROBERT (Technical Signatory)</b>	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuff - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> </ul>



		<ul style="list-style-type: none"> <li>• ISO 5315:1984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> <li>• ISO 9965:1993, Determination of Selenium in water</li> <li>• ISO 6059:1984, Determination of Total Hardness in water</li> <li>• ISO 7980:1986, Determination of Calcium and Magnesium in water</li> <li>• ASTM D 5907:2018, Determination of TDS in Water</li> <li>• ISO 10523:2008, Determination of pH in Water</li> <li>• ISO 7887:2011, Determination of colour and conductivity in Water</li> <li>• ISO 11923:1997, Water quality — Determination of suspended solids by filtration through glass-fibre filters</li> <li>• ISO 9964-1:1993, Water quality — Determination of sodium and potassium — Part 1:</li> </ul>
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			<p>Determination of sodium by atomic absorption spectrometry.</p> <ul style="list-style-type: none"> <li>• ISO 22743:2006, Water quality — Determination of sulphates in water</li> <li>• ISO 7890-3:1988, Determination of Nitrates in water</li> <li>• ISO 10359-1:1992, Determination of Fluorides in water</li> <li>• ISO 15681-2:2018, Water quality — Determination of orthophosphate and total phosphorus contents</li> <li>• ISO 7393-1:1985, Water quality — Determination of free chlorine and total chlorine</li> <li>• ISO 3960:2017, Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination</li> <li>• ISO 660:2020, Animal and vegetable fats and oils — Determination of acid value and acidity</li> <li>• ISO 3961:2024, Animal and vegetable fats and oils — Determination of iodine value</li> <li>• ISO 662:2016, Animal and vegetable fats and oils — Determination of moisture and volatile matter content</li> <li>• ISO 17189:2003, Butter, edible oil emulsions and spreadable fats — Determination of fat content (Reference method)</li> <li>• ISO 8294:1994, Animal and vegetable fats and oils — Determination of copper, iron and nickel contents</li> <li>• AOAC 994.02-1994(2000) Determination of Lead in edible oils and fats</li> <li>• ISO 6883:2017 Animal and vegetable fats and oils — Determination of conventional mass per volume (litre weight in air)</li> <li>• ISO 6320:2017, Determination of Refractive index in Oils and Fats</li> <li>• ISO 15305:1998, Determination of colour in Oils and Fats</li> <li>• ISO 663:2017, Animal and vegetable fats and oils — Determination of insoluble impurities content</li> <li>• AOAC 925.56-1925, Determination of Iodine in salt by Titrimetric method</li> <li>• ISO 2483:1973, Determination of sodium chloride in salt</li> <li>• ISO 2479:1972, Determination of matter insoluble in water or in acid and preparation of principal solutions for other determinations in salt</li> <li>• ISO 2482:1972, Determination of calcium and magnesium in salt</li> <li>• AOAC 999.10-2005(2006), Determination of heavy metals in salt</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• ISO 2480:1972, Determination of sulphate content in salt</li> <li>• ISO 1692:1976, Determination of total alkalinity in salt — Titrimetric method</li> <li>• US EAS 901:2017, test methods for cereals, pulses and their products.</li> <li>• US EAS 847:2017, Determination of pH in cosmetics and oils for cosmetics industry.</li> <li>• ISO 685:2020, Analysis of soaps — Determination of total alkali content and total fatty matter content</li> </ul>
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	5.	<b>AKELLO PATRICIA (Technical Signatory)</b>	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic</li> </ul>

			<p>absorption spectrophotometric method</p> <ul style="list-style-type: none"> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric</li> </ul>
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		<p>method</p> <ul style="list-style-type: none"> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> <li>• ISO 9965:1993, Determination of Selenium in water</li> <li>• ISO 6059:1984, Determination of Total Hardness in water</li> <li>• ISO 7980:1986, Determination of Calcium and Magnesium in water</li> <li>• ASTM D 5907:2018, Determination of TDS in Water</li> <li>• ISO 10523:2008, Determination of pH in Water</li> <li>• ISO 7887:2011, Determination of colour and conductivity in Water</li> <li>• ISO 11923:1997, Water quality — Determination of suspended solids by filtration through glass-fibre filters</li> <li>• ISO 9964-1:1993, Water quality — Determination of sodium and potassium — Part 1: Determination of sodium by atomic absorption spectrometry.</li> <li>• ISO 22743:2006, Water quality — Determination of sulphates in water</li> <li>• ISO 7890-3:1988, Determination of Nitrates in water</li> <li>• ISO 10359-1:1992, Determination of Fluorides in water</li> <li>• ISO 15681-2:2018, Water quality — Determination of orthophosphate and total phosphorus contents</li> <li>• ISO 7393-1:1985, Water quality — Determination of free chlorine and total chlorine</li> <li>• ISO 3960:2017, Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination</li> <li>• ISO 660:2020, Animal and vegetable fats and oils — Determination of acid value and acidity</li> <li>• ISO 3961:2024, Animal and vegetable fats and oils — Determination of iodine value</li> <li>• ISO 662:2016, Animal and vegetable fats and oils — Determination of moisture and volatile matter content</li> <li>• ISO 17189:2003, Butter, edible oil emulsions and spreadable fats — Determination of fat content (Reference method)</li> <li>• ISO 8294:1994, Animal and vegetable fats and oils — Determination of copper, iron and nickel contents</li> <li>• AOAC 994.02-1994(2000) Determination of Lead in edible oils and fats</li> <li>• ISO 6883:2017 Animal and vegetable fats and oils — Determination of conventional mass per volume (litre weight in air)</li> <li>• ISO 6320:2017, Determination of Refractive index in Oils and Fats</li> <li>• ISO 15305:1998, Determination of colour in Oils and Fats</li> <li>• ISO 663:2017, Animal and vegetable fats and oils — Determination of insoluble impurities content</li> <li>• AOAC 925.56-1925, Determination of Iodine in salt by Titrimetric method</li> </ul>
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	6.	ATUKUNDA FIONA (Analyst)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> </ul>

			<ul style="list-style-type: none"> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> </ul>
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			<ul style="list-style-type: none"> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> <li>• ISO 9965:1993, Determination of Selenium in water</li> <li>• ISO 6059:1984, Determination of Total Hardness in water</li> <li>• ISO 7980:1986, Determination of Calcium and Magnesium in water</li> <li>• ASTM D 5907:2018, Determination of TDS in Water</li> <li>• ISO 10523:2008, Determination of pH in Water</li> <li>• ISO 7887:2011, Determination of colour and conductivity in Water</li> <li>• ISO 11923:1997, Water quality — Determination of suspended solids by filtration through glass-fibre filters</li> <li>• ISO 9964-1:1993, Water quality — Determination of sodium and potassium — Part 1: Determination of sodium by atomic absorption spectrometry.</li> <li>• ISO 22743:2006, Water quality — Determination of sulphates in water</li> <li>• ISO 7890-3:1988, Determination of Nitrates in water</li> <li>• ISO 10359-1:1992, Determination of Fluorides in water</li> <li>• ISO 15681-2:2018, Water quality — Determination of orthophosphate and total phosphorus contents</li> <li>• ISO 7393-1:1985, Water quality — Determination of free chlorine and total chlorine</li> <li>• ISO 3960:2017, Animal and vegetable fats and oils — Determination of peroxide value — Iodometric (visual) endpoint determination</li> <li>• ISO 660:2020, Animal and vegetable fats and oils — Determination of acid value and acidity</li> <li>• ISO 3961:2024, Animal and vegetable fats and oils — Determination of iodine value</li> <li>• ISO 662:2016, Animal and vegetable fats and oils — Determination of moisture and volatile matter content</li> </ul>
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			<ul style="list-style-type: none"> <li>• ISO 6496:1999, Animal feeding stuffs — Determination of moisture and other volatile matter content</li> </ul>
	7.	KUSHEMERERWA DAPHINE (Analyst)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after</li> </ul>

			<p>distillation</p> <ul style="list-style-type: none"> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> <li>• ISO 9965:1993, Determination of Selenium in water</li> <li>• ISO 6059:1984, Determination of Total Hardness in water</li> <li>• ISO 7980:1986, Determination of Calcium and Magnesium in water</li> <li>• ASTM D 5907:2018, Determination of TDS in Water</li> <li>• ISO 10523:2008, Determination of pH in Water</li> <li>• ISO 7887:2011, Determination of colour and conductivity in Water</li> <li>• ISO 11923:1997, Water quality — Determination of suspended solids by filtration through glass-fibre filters</li> <li>• ISO 9964-1:1993, Water quality — Determination of sodium and potassium — Part 1: Determination of sodium by atomic absorption spectrometry.</li> </ul>
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	8.	<b>WAISWA DANIEL</b> (Analyst)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> </ul>

			<ul style="list-style-type: none"> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> </ul>
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	9.	NAHABWE RHONAH (Analyst)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> </ul>

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	10.	MIVULE IVAN (Analyst)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> </ul>

		<ul style="list-style-type: none"> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> <li>• ISO 9965:1993, Determination of Selenium in water</li> <li>• ISO 6059:1984, Determination of Total Hardness in water</li> <li>• ISO 7980:1986, Determination of Calcium and Magnesium in water</li> <li>• ASTM D 5907:2018, Determination of TDS in Water</li> <li>• ISO 10523:2008, Determination of pH in Water</li> <li>• ISO 7887:2011, Determination of colour and conductivity in Water</li> <li>• ISO 11923:1997, Water quality — Determination of suspended solids by filtration through glass-fibre filters</li> <li>• ISO 9964-1:1993, Water quality — Determination of sodium and potassium — Part 1: Determination of sodium by atomic absorption spectrometry.</li> <li>• ISO 22743:2006, Water quality — Determination of sulphates in water</li> </ul>
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	11.	<b>KEMBUBI LYNN (Analyst)</b>	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with</li> </ul>

			<p>intermediate filtration</p> <ul style="list-style-type: none"> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> </ul>
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			<p>principal solutions for other determinations in salt</p> <ul style="list-style-type: none"> <li>• ISO 2482:1972, Determination of calcium and magnesium in salt</li> <li>• AOAC 999.10-2005(2006), Determination of heavy metals in salt</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• ISO 2480:1972, Determination of sulphate content in salt</li> <li>• ISO 1692:1976, Determination of total alkalinity in salt — Titrimetric method</li> <li>• US EAS 901:2017, test methods for cereals, pulses and their products.</li> <li>• US EAS 847:2017, Determination of pH in cosmetics and oils for cosmetics industry.</li> <li>• ISO 685:2020, Analysis of soaps — Determination of total alkali content and total fatty matter content</li> <li>• ISO 673:1981, Soaps — Determination of content of ethanol-insoluble matter</li> <li>• ISO 684:1974, Analysis of soaps — Determination of total free alkali</li> <li>• ISO 456:1973, Analysis of soaps — Determination of free caustic alkali</li> <li>• ISO 457:1983, Soaps — Determination of chloride content — Titrimetric method</li> <li>• ISO 672:1978, Soaps — Determination of moisture and volatile matter content — Oven method</li> <li>• ISO 6839:1982, Soaps- Determination of matter insoluble in water</li> <li>• ISO 1573:1980 Tea — Determination of loss in mass at 103 degrees C</li> <li>• ISO 1575:1987, Tea — Determination of total ash</li> <li>• ISO 1577:1987, Tea — Determination of acid-insoluble ash</li> <li>• ISO 1578:1975, Tea - determination of the alkalinity of water-soluble ash</li> <li>• ISO 9768:1994, Tea — Determination of water extract</li> <li>• ISO 1576:1988, Tea — Determination of water-soluble ash and water-insoluble ash</li> <li>• ISO 15598:1999, Tea — Determination of crude fibre content</li> <li>• ISO 6496:1999, Animal feeding stuffs — Determination of moisture and other volatile matter content</li> </ul>
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			<p>method</p> <ul style="list-style-type: none"> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> </ul>
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			<ul style="list-style-type: none"> <li>• ISO 8294:1994, Animal and vegetable fats and oils — Determination of copper, iron and nickel contents</li> <li>• AOAC 994.02-1994(2000) Determination of Lead in edible oils and fats</li> <li>• ISO 6883:2017 Animal and vegetable fats and oils — Determination of conventional mass per volume (litre weight in air)</li> <li>• ISO 6320:2017, Determination of Refractive index in Oils and Fats</li> <li>• ISO 15305:1998, Determination of colour in Oils and Fats</li> <li>• ISO 663:2017, Animal and vegetable fats and oils — Determination of insoluble impurities content</li> <li>• AOAC 925.56-1925, Determination of Iodine in salt by Titrimetric method</li> <li>• ISO 2483:1973, Determination of sodium chloride in salt</li> <li>• ISO 2479:1972, Determination of matter insoluble in water or in acid and preparation of principal solutions for other determinations in salt</li> <li>• ISO 2482:1972, Determination of calcium and magnesium in salt</li> <li>• AOAC 999.10-2005(2006), Determination of heavy metals in salt</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• ISO 2480:1972, Determination of sulphate content in salt</li> <li>• ISO 1692:1976, Determination of total alkalinity in salt — Titrimetric method</li> <li>• US EAS 901:2017, test methods for cereals, pulses and their products.</li> <li>• US EAS 847:2017, Determination of pH in cosmetics and oils for cosmetics industry.</li> <li>• ISO 685:2020, Analysis of soaps — Determination of total alkali content and total fatty matter content</li> <li>• ISO 673:1981, Soaps — Determination of content of ethanol-insoluble matter</li> <li>• ISO 684:1974, Analysis of soaps — Determination of total free alkali</li> <li>• ISO 456:1973, Analysis of soaps — Determination of free caustic alkali</li> <li>• ISO 457:1983, Soaps — Determination of chloride content — Titrimetric method</li> <li>• ISO 672:1978, Soaps — Determination of moisture and volatile matter content — Oven method</li> <li>• ISO 6839:1982, Soaps- Determination of matter insoluble in water</li> <li>• ISO 1573:1980 Tea — Determination of loss in mass at 103 degrees C</li> <li>• ISO 1575:1987, Tea — Determination of total ash</li> <li>• ISO 1577:1987, Tea — Determination of acid-insoluble ash</li> <li>• ISO 1578:1975, Tea - determination of the alkalinity of water-soluble ash</li> <li>• ISO 9768:1994, Tea — Determination of water extract</li> <li>• ISO 1576:1988, Tea — Determination of water-soluble ash and water-insoluble ash</li> <li>• ISO 15598:1999, Tea — Determination of crude fibre content</li> <li>• ISO 6496:1999, Animal feeding stuffs — Determination of moisture and other volatile matter content</li> </ul>
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	13.	<b>NANTUMU MARY ASSUMPTA</b> (Analyst)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> </ul>
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		<ul style="list-style-type: none"> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> <li>• ISO 9965:1993, Determination of Selenium in water</li> <li>• ISO 6059:1984, Determination of Total Hardness in water</li> <li>• ISO 7980:1986, Determination of Calcium and Magnesium in water</li> <li>• ASTM D 5907:2018, Determination of TDS in Water</li> <li>• ISO 10523:2008, Determination of pH in Water</li> <li>• ISO 7887:2011, Determination of colour and conductivity in Water</li> <li>• ISO 11923:1997, Water quality — Determination of suspended solids by filtration through glass-fibre filters</li> <li>• ISO 9964-1:1993, Water quality — Determination of sodium and potassium — Part 1: Determination of sodium by atomic absorption spectrometry.</li> <li>• ISO 22743:2006, Water quality — Determination of sulphates in water</li> <li>• ISO 7890-3:1988, Determination of Nitrates in water</li> </ul>
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	14.	WANYANA JEROM (Analyst)	<ul style="list-style-type: none"> <li>• ISO 712:2009, Cereals and cereal products — Determination of moisture content — Reference method</li> <li>• US EAS 104 :2014, Alcoholic beverages — Methods of sampling and test</li> <li>• AOAC official method 920.87-1920, Protein (Total) in Grains/flour, Titrimetric method</li> <li>• ISO 11085:2015, Cereals, cereals-based products and animal feeding stuffs — Determination of crude fat and total fat content by the Randall extraction method</li> <li>• ISO 2171:2023, Cereals, pulses and by-products — Determination of ash yield by incineration</li> <li>• AOAC 986.25-1988(2002), Determination of Carbohydrates by Difference</li> <li>• ISO 5498:1981, Agricultural food products — Determination of crude fibre content — General method</li> <li>• ISO 9831:1998 Determination of gross calorific value — Bomb calorimeter method</li> <li>• ISO 6491:1998, Animal feeding stuffs — Determination of phosphorus content — Spectrometric method</li> <li>• AOAC 984.27-1986, Determination of Calcium, Copper, Iron, Magnesium, Manganese, Phosphorus, Potassium, Sodium and Zinc in infant formula.</li> <li>• ISO 6495-1:2015 Animal feeding stuffs — Determination of water-soluble chlorides content</li> <li>• ISO 27085:2012, Animal Feeding Stuffs - Determination of Calcium, Sodium, Phosphorus, Magnesium, Potassium, Iron, Zinc, Copper, Manganese, Cobalt, Molybdenum, Arsenic, Lead and Cadmium</li> <li>• ISO 5983-1:2005 Animal feeding stuffs — Determination of nitrogen content and calculation of crude protein content</li> <li>• AOAC 985.35-1988, Minerals in infant formula, Enteral products, and Pet foods. Atomic absorption spectrophotometric method</li> <li>• ISO 6865:2000 Animal feeding stuffs — Determination of crude fibre content — Method with intermediate filtration</li> </ul>

			<ul style="list-style-type: none"> <li>• US EAS 36:2020 Honey Specification and Test methods</li> <li>• AOAC 920.85-1920, Determination of Fat (crude) or ether extract in flour</li> <li>• US EAS 383:2013 Synthetic organic liquid detergent for household use — Specification and Test Methods</li> <li>• AOAC 971.27-1976 Determination of Sodium chloride in vegetables.</li> <li>• AOAC 965.08-1974, Determination of water content in fertilizers</li> <li>• ISO 10390:2005, Soil, treated bio-waste and sludge – Determination of pH</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• ISO 5315:984, Fertilizers — Determination of total nitrogen content — Titrimetric method after distillation</li> <li>• ISO 5310:1986, Fertilizers — Determination of potassium content — Titrimetric method</li> <li>• ISO 15959:2016, Fertilizers — Determination of extracted phosphorus</li> <li>• ISO 17318:2015, Fertilizers and soil conditioners — Determination of arsenic, cadmium, chromium, lead and mercury contents</li> <li>• AOAC 2006.03-2009 Determination of Arsenic, Cadmium, Cobalt, Chromium, Lead, Molybdenum, Nickel, and selenium in fertilizers.</li> <li>• ISO 11047:1998, Soil quality — Determination of cadmium, chromium, cobalt, copper, lead, manganese, nickel and zinc — Flame and electro thermal atomic absorption spectrometric methods</li> <li>• ISO 7305:2019 Milled cereal products — Determination of fat acidity</li> <li>• AOAC 996.06-1996(2010), Determination of Saturated Fat</li> <li>• ISO 5985:2002, Animal feeding stuffs — Determination of ash insoluble in hydrochloric acid</li> <li>• AOAC 974.06-1975, Determination of Total sugars in animal feeds</li> <li>• AOAC 999.11-2005(2006), Determination of Lead, Cadmium, Copper, Iron, and zinc in foods.</li> <li>• ISO 6869:2000, Animal feeding stuffs — Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc — Method using atomic absorption spectrometry</li> <li>• ISO 9297:1989, Water quality — Determination of chloride — Silver nitrate titration with chromate indicator (Mohr's method)</li> <li>• ISO 8288:1986, Water quality — Determination of cobalt, nickel, copper, zinc, cadmium and lead — Flame atomic absorption spectrometric methods</li> <li>• ISO 11969:1996, Water quality — Determination of arsenic and antimony</li> <li>• ISO 6333:1986, Water quality — Determination of manganese — Formaldoxime spectrometric method</li> <li>• ISO 9174:1998, Determination of Chromium in water</li> <li>• ISO 6332:1988, Determination of Iron in water</li> </ul>
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	15.	<b>JEAN RUBAKUBA</b> (Technical signatory)	<ul style="list-style-type: none"> <li>• ISO 4833-1:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique</li> <li>• ISO 4833-2:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique</li> <li>• ISO 4832:2006, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique</li> <li>• ISO 16649-2:2002, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli</li> <li>• ISO 6888-1:2021, Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)</li> <li>• AOAC 967.26, Salmonella in processed foods. Detection</li> <li>• ISO 6579-1:2017, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella</li> </ul>

		<ul style="list-style-type: none"> <li>• ISO 21528-2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae</li> <li>• ISO 11290 1&amp;2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp.</li> <li>• ISO 21527-1&amp;2:2008, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95</li> <li>• ISO 6611/IDF:2004, Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C</li> <li>• ISO 6222:1999, Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium</li> <li>• ISO 9308-1:2014, Water quality — Enumeration of Escherichia coli and coliform bacteria</li> <li>• ISO 16266 :2006, Water quality — Detection and enumeration of Pseudomonas aeruginosa — Method by membrane filtration</li> <li>• ISO 7899-2:2020, Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method</li> <li>• ISO 21149:2017, Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 21149:2017/Amd 1:2022</li> <li>• Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 22718:2015, Cosmetics — Microbiology — Detection of Staphylococcus aureus</li> <li>• ISO 16212:2017, Cosmetics — Microbiology — Enumeration of yeast and mould</li> <li>• ISO 22717:2015, Cosmetics — Microbiology — Detection of Pseudomonas aeruginosa</li> <li>• ISO 21150:2015, Cosmetics — Microbiology — Detection of Escherichia coli</li> <li>• ISO 18416:2015, Cosmetics — Microbiology — Detection of Candida albicans</li> <li>• EN 14683:2019, Specifies the construction, design, performance, and testing requirements for medical masks that prevent infective agents from being transmitted from patients to staff during medical settings</li> <li>• EAS 789.2013 annex A, Skin care creams, lotions and gels</li> <li>•</li> </ul>
16.	JUDITH AMANYA (Analyst)	<ul style="list-style-type: none"> <li>• ISO 4833-1:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique</li> <li>• ISO 4833-2:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique</li> <li>• ISO 4832:2006, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique</li> <li>• ISO 16649-2:2002, Microbiology of food and animal feeding stuffs — Horizontal method for the</li> </ul>

		<p>enumeration of beta-glucuronidase-positive <i>Escherichia coli</i></p> <ul style="list-style-type: none"> <li>• ISO 6888-1:2021, Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species)</li> <li>• AOAC 967.26, Salmonella in processed foods. Detection</li> <li>• ISO 6579-1:2017, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of <i>Salmonella</i></li> <li>• ISO 21528-2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae</li> <li>• ISO 11290 1&amp;2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp.</li> <li>• ISO 21527-1&amp;2:2008, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95</li> <li>• ISO 6611/IDF:2004, Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C</li> <li>• ISO 6222:1999, Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium</li> <li>• ISO 9308-1:2014, Water quality — Enumeration of <i>Escherichia coli</i> and coliform bacteria</li> <li>• ISO 16266 :2006, Water quality — Detection and enumeration of <i>Pseudomonas aeruginosa</i> — Method by membrane filtration</li> <li>• ISO 7899-2:2020, Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method</li> <li>• ISO 21149:2017, Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 21149:2017/Amd 1:2022</li> <li>• Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 22718:2015, Cosmetics — Microbiology — Detection of <i>Staphylococcus aureus</i></li> <li>• ISO 16212:2017, Cosmetics — Microbiology — Enumeration of yeast and mould</li> <li>• ISO 22717:2015, Cosmetics — Microbiology — Detection of <i>Pseudomonas aeruginosa</i></li> <li>• ISO 21150:2015, Cosmetics — Microbiology — Detection of <i>Escherichia coli</i></li> <li>• ISO 18416:2015, Cosmetics — Microbiology — Detection of <i>Candida albicans</i></li> <li>• EN 14683:2019, Specifies the construction, design, performance, and testing requirements for medical masks that prevent infective agents from being transmitted from patients to staff during medical settings</li> <li>• EAS 789.2013 annex A, Skin care creams, lotions and gels</li> <li>•</li> </ul>
17	CATHERINE NANFUKA	<ul style="list-style-type: none"> <li>• ISO 4833-1:2013, Microbiology of the food chain — Horizontal method for the enumeration of</li> </ul>

		<p>(Technical signatory)</p> <ul style="list-style-type: none"> <li>microorganisms — Part 1: Colony count at 30 °C by the pour plate technique</li> <li>• ISO 4833-2:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique</li> <li>• ISO 4832:2006, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique</li> <li>• ISO 16649-2:2002, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive <i>Escherichia coli</i></li> <li>• ISO 6888-1:2021, Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species)</li> <li>• AOAC 967.26, Salmonella in processed foods. Detection</li> <li>• ISO 6579-1:2017, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of <i>Salmonella</i></li> <li>• ISO 21528-2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae</li> <li>• ISO 11290 1&amp;2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp.</li> <li>• ISO 21527-1&amp;2:2008, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95</li> <li>• ISO 6611/IDF:2004, Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C</li> <li>• ISO 6222:1999, Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium</li> <li>• ISO 9308-1:2014, Water quality — Enumeration of <i>Escherichia coli</i> and coliform bacteria</li> <li>• ISO 16266 :2006, Water quality — Detection and enumeration of <i>Pseudomonas aeruginosa</i> — Method by membrane filtration</li> <li>• ISO 7899-2:2020, Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method</li> <li>• ISO 21149:2017, Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 21149:2017/Amd 1:2022</li> <li>• Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 22718:2015, Cosmetics — Microbiology — Detection of <i>Staphylococcus aureus</i></li> <li>• ISO 16212:2017, Cosmetics — Microbiology — Enumeration of yeast and mould</li> <li>• ISO 22717:2015, Cosmetics — Microbiology — Detection of <i>Pseudomonas aeruginosa</i></li> <li>• ISO 21150:2015, Cosmetics — Microbiology — Detection of <i>Escherichia coli</i></li> <li>• ISO 18416:2015, Cosmetics — Microbiology — Detection of <i>Candida albicans</i></li> <li>• EN 14683:2019, Specifies the construction, design, performance, and testing requirements for</li> </ul>
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		<p>medical masks that prevent infective agents from being transmitted from patients to staff during medical settings</p> <ul style="list-style-type: none"> <li>• EAS 789.2013 annex A, Skin care creams, lotions and gels</li> <li>•</li> </ul>
18	<b>SYLVIA KYAKUWA (Analyst)</b>	<ul style="list-style-type: none"> <li>• ISO 4833-1:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique</li> <li>• ISO 4833-2:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique</li> <li>• ISO 4832:2006, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique</li> <li>• ISO 16649-2:2002, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive <i>Escherichia coli</i></li> <li>• ISO 6888-1:2021, Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (<i>Staphylococcus aureus</i> and other species)</li> <li>• AOAC 967.26, <i>Salmonella</i> in processed foods. Detection</li> <li>• ISO 6579-1:2017, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of <i>Salmonella</i></li> <li>• ISO 21528-2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae</li> <li>• ISO 11290 1&amp;2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of <i>Listeria monocytogenes</i> and of <i>Listeria</i> spp.</li> <li>• ISO 21527-1&amp;2:2008, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95</li> <li>• ISO 6611/IDF:2004, Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C</li> <li>• ISO 6222:1999, Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium</li> <li>• ISO 9308-1:2014, Water quality — Enumeration of <i>Escherichia coli</i> and coliform bacteria</li> <li>• ISO 16266 :2006, Water quality — Detection and enumeration of <i>Pseudomonas aeruginosa</i> — Method by membrane filtration</li> <li>• ISO 7899-2:2020, Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method</li> <li>• ISO 21149:2017, Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 21149:2017/Amd 1:2022</li> <li>• Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 22718:2015, Cosmetics — Microbiology — Detection of <i>Staphylococcus aureus</i></li> </ul>

		<ul style="list-style-type: none"> <li>• ISO 16212:2017, Cosmetics — Microbiology — Enumeration of yeast and mould</li> <li>• ISO 22717:2015, Cosmetics — Microbiology — Detection of Pseudomonas aeruginosa</li> <li>• ISO 21150:2015, Cosmetics — Microbiology — Detection of Escherichia coli</li> <li>• ISO 18416:2015, Cosmetics — Microbiology — Detection of Candida albicans</li> <li>• EN 14683:2019, Specifies the construction, design, performance, and testing requirements for medical masks that prevent infective agents from being transmitted from patients to staff during medical settings</li> <li>• EAS 789.2013 annex A, Skin care creams, lotions and gels</li> <li>•</li> </ul>
19	CATHERINE MUYAMA (Analyst)	<ul style="list-style-type: none"> <li>• ISO 4833-1:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique</li> <li>• ISO 4833-2:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique</li> <li>• ISO 4832:2006, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique</li> <li>• ISO 16649-2:2002, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli</li> <li>• ISO 6888-1:2021, Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)</li> <li>• AOAC 967.26, Salmonella in processed foods. Detection</li> <li>• ISO 6579-1:2017, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella</li> <li>• ISO 21528-2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae</li> <li>• ISO 11290 1&amp;2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp.</li> <li>• ISO 21527-1&amp;2:2008, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95</li> <li>• ISO 6611/IDF:2004, Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C</li> <li>• ISO 6222:1999, Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium</li> <li>• ISO 9308-1:2014, Water quality — Enumeration of Escherichia coli and coliform bacteria</li> <li>• ISO 16266 :2006, Water quality — Detection and enumeration of Pseudomonas aeruginosa — Method by membrane filtration</li> <li>• ISO 7899-2:2020, Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method</li> </ul>



		<ul style="list-style-type: none"> <li>• ISO 21149:2017, Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 21149:2017/Amd 1:2022</li> <li>• Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 22718:2015, Cosmetics — Microbiology — Detection of Staphylococcus aureus</li> <li>• ISO 16212:2017, Cosmetics — Microbiology — Enumeration of yeast and mould</li> <li>• ISO 22717:2015, Cosmetics — Microbiology — Detection of Pseudomonas aeruginosa</li> <li>• ISO 21150:2015, Cosmetics — Microbiology — Detection of Escherichia coli</li> <li>• ISO 18416:2015, Cosmetics — Microbiology — Detection of Candida albicans</li> <li>• EN 14683:2019, Specifies the construction, design, performance, and testing requirements for medical masks that prevent infective agents from being transmitted from patients to staff during medical settings</li> <li>• EAS 789.2013 annex A, Skin care creams, lotions and gels</li> <li>•</li> </ul>
20	<b>PATIENCE AGABA (Analyst)</b>	<ul style="list-style-type: none"> <li>• ISO 4833-1:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique</li> <li>• ISO 4833-2:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique</li> <li>• ISO 4832:2006, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique</li> <li>• ISO 16649-2:2002, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli</li> <li>• ISO 6888-1:2021, Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)</li> <li>• AOAC 967.26, Salmonella in processed foods. Detection</li> <li>• ISO 6579-1:2017, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella</li> <li>• ISO 21528-2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae</li> <li>• ISO 11290 1&amp;2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp.</li> <li>• ISO 21527-1&amp;2:2008, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95</li> <li>• ISO 6611/IDF:2004, Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C</li> <li>• ISO 6222:1999, Water quality — Enumeration of culturable micro-organisms — Colony count</li> </ul>



		<p>by inoculation in a nutrient agar culture medium</p> <ul style="list-style-type: none"> <li>• ISO 9308-1:2014, Water quality — Enumeration of Escherichia coli and coliform bacteria</li> <li>• ISO 16266 :2006, Water quality — Detection and enumeration of Pseudomonas aeruginosa — Method by membrane filtration</li> <li>• ISO 7899-2:2020, Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method</li> <li>• ISO 21149:2017, Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 21149:2017/Amd 1:2022</li> <li>• Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 22718:2015, Cosmetics — Microbiology — Detection of Staphylococcus aureus</li> <li>• ISO 16212:2017, Cosmetics — Microbiology — Enumeration of yeast and mould</li> <li>• ISO 22717:2015, Cosmetics — Microbiology — Detection of Pseudomonas aeruginosa</li> <li>• ISO 21150:2015, Cosmetics — Microbiology — Detection of Escherichia coli</li> <li>• ISO 18416:2015, Cosmetics — Microbiology — Detection of Candida albicans</li> <li>• EN 14683:2019, Specifies the construction, design, performance, and testing requirements for medical masks that prevent infective agents from being transmitted from patients to staff during medical settings</li> <li>• EAS 789.2013 annex A, Skin care creams, lotions and gels</li> <li>•</li> </ul>
21	<b>JOHN BOSCO BYOMUGABE (Analyst)</b>	<ul style="list-style-type: none"> <li>• ISO 4833-1:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 1: Colony count at 30 °C by the pour plate technique</li> <li>• ISO 4833-2:2013, Microbiology of the food chain — Horizontal method for the enumeration of microorganisms — Part 2: Colony count at 30 °C by the surface plating technique</li> <li>• ISO 4832:2006, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of coliforms — Colony-count technique</li> <li>• ISO 16649-2:2002, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of beta-glucuronidase-positive Escherichia coli</li> <li>• ISO 6888-1:2021, Microbiology of the food chain — Horizontal method for the enumeration of coagulase-positive staphylococci (Staphylococcus aureus and other species)</li> <li>• AOAC 967.26, Salmonella in processed foods. Detection</li> <li>• ISO 6579-1:2017, Microbiology of the food chain — Horizontal method for the detection, enumeration and serotyping of Salmonella</li> <li>• ISO 21528-2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Enterobacteriaceae</li> <li>• ISO 11290 1&amp;2:2017, Microbiology of the food chain — Horizontal method for the detection and enumeration of Listeria monocytogenes and of Listeria spp.</li> </ul>

			<ul style="list-style-type: none"> <li>• ISO 21527-1&amp;2:2008, Microbiology of food and animal feeding stuffs — Horizontal method for the enumeration of yeasts and moulds — Part 2: Colony count technique in products with water activity less than or equal to 0,95</li> <li>• ISO 6611/IDF:2004, Milk and milk products — Enumeration of colony-forming units of yeasts and/or moulds — Colony-count technique at 25 degrees C</li> <li>• ISO 6222:1999, Water quality — Enumeration of culturable micro-organisms — Colony count by inoculation in a nutrient agar culture medium</li> <li>• ISO 9308-1:2014, Water quality — Enumeration of Escherichia coli and coliform bacteria</li> <li>• ISO 16266 :2006, Water quality — Detection and enumeration of Pseudomonas aeruginosa — Method by membrane filtration</li> <li>• ISO 7899-2:2020, Water quality — Detection and enumeration of intestinal enterococci — Part 2: Membrane filtration method</li> <li>• ISO 21149:2017, Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 21149:2017/Amd 1:2022</li> <li>• Cosmetics — Microbiology — Enumeration and detection of aerobic mesophilic bacteria</li> <li>• ISO 22718:2015, Cosmetics — Microbiology — Detection of Staphylococcus aureus</li> <li>• ISO 16212:2017, Cosmetics — Microbiology — Enumeration of yeast and mould</li> <li>• ISO 22717:2015, Cosmetics — Microbiology — Detection of Pseudomonas aeruginosa</li> <li>• ISO 21150:2015, Cosmetics — Microbiology — Detection of Escherichia coli</li> <li>• ISO 18416:2015, Cosmetics — Microbiology — Detection of Candida albicans</li> <li>• EN 14683:2019, Specifies the construction, design, performance, and testing requirements for medical masks that prevent infective agents from being transmitted from patients to staff during medical settings</li> <li>• EAS 789.2013 annex A, Skin care creams, lotions and gels</li> <li>•</li> </ul>
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S/N	Material/ Products Tested	Type of Test/ Property Measured/ Range of Measurement	Standard Specification, Techniques/Equipment Used
<b>TESTING FIELD – MICROBIOLOGY</b>			
1	<b>GRAIN, SEED, NUTS &amp; PRODUCTS</b>  Maize Grains Milled Maize Amaranth Grain Amaranth Flour Wheat Flour & Wheat Semolina Bread Biscuits Breakfast cereal Composite Flour Cassava Flour & Starch Chia seed Dry legumes (Beans, soybean, peas) Millet grain Rice Flour Sesame seeds Nuts (groundnuts, macadamia nuts) Peanut butter Sesame paste	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21527-1&2:2008
2	<b>MEAT &amp; MEAT PRODUCTS</b> Dressed poultry Bovine carcasses and cuts Corned beef Minced meat Sausages (beef, pork, fish)	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 11290 1&2:2017 ISO 21527-1&2:2008
3	<b>FISH</b> Fresh fish Dried fish	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002

S/N	Material/ Products Tested	Type of Test/ Property Measured/ Range of Measurement	Standard Specification, Techniques/Equipment Used
	Frozen fish Fish fillet Silver fish Canned fish	STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 11290 1&2:2017 ISO 21527-1&2:2008
4	<b>DAIRY PRODUCTS</b> Skimmed milk Butter & Butter oil Cheese Milk powder and cream powder Fermented milk Pasteurised milk UHT & Flavoured milk Ice cream Yoghurt Raw cow milk Raw goat milk Ghee Creamer Milk based baby food Infant formula	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 4833-1&2 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-1:2017 ISO 11290 1&2:2017 ISO 6611/IDF:2004
5	<b>CONFECTIONERY &amp; SWEETS</b>  Biscuits Sugar Pastry Chocolate & chocolate products Sweets Jam and jellies	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 11290 1&2:2017 ISO 21527-1&2:2008
6	<b>DRINKS</b>  Fruit drinks Fruit juices and nectars Kombucha drink	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP.	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017

S/N	Material/ Products Tested	Type of Test/ Property Measured/ Range of Measurement	Standard Specification, Techniques/Equipment Used
	Bushera Sugar cane juice Carbonated & non-carbonated drinks	ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 21528-2:2017 ISO 11290 1&2:2017 ISO 21527-1&2:2008
	<b>WATER &amp; ICE MIXES</b>  Packaged drinking water Packaged mineral water Potable water Edible ice and ice mixes	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. PSEUDOMONAS AERUGINOSA INTESTINAL ENTEROCOCCI	ISO 6222:1999 ISO 9308-1:2014 ISO 9308-1:2014 ISO 6888-1:2021 AOAC 967.26 & ISO 19250:2010 ISO 16266 :2006 ISO 7899-2:2020
7	<b>SNACKS</b>  Roasted cashew nuts Cassava crisps Fruits chips & crisps Peanut butter Potato crisps Food grain snacks Sweet potato chips	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 11290 1&2:2017 ISO 21527-1&2:2008
8	<b>FRUIT &amp; VEGETABLE PRODUCTS</b> Mushrooms Dried fruits Dried tomatoes Fruit juice and fruit nectars Banana flour Plantain Moringa powder	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 11290 1&2:2017 ISO 21527-1&2:2008
	<b>HONEY</b>	TOTAL PLATE COUNT	ISO 4833-1 :2013
9	<b>EGGS</b> Edible eggs in shell Liquid pasteurised eggs(whole, white, yolk)	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002

S/N	Material/ Products Tested	Type of Test/ Property Measured/ Range of Measurement	Standard Specification, Techniques/Equipment Used
		SALMONELLA SPP. ENTEROBACTERICEAE YEAST & MOLDS	ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 21527-1&2:2008
10	<b>SPICES</b> Chilli peppers Curry powder Tea masala Pilau masala	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 21527-1&2:2008
11	<b>TEA</b> Black tea Green tea Flavoured tea	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 21527-1&2:2008
12	<b>COFFEE</b> Instant coffee Green coffee beans Roasted coffee beans Ground coffee Coffee & coffee products	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 21527-1&2:2008
13	<b>ALCOHOLIC DRINKS</b> Wine Opaque beer Tonto	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 21527-1&2:2008
14	<b>COSMETICS</b> Petroleum jelly Bath preparations: synthetic detergent based Body oils	TOTAL PLATE COUNT STAPHYLOCOCCUS AUREUS YEAST & MOLD PSEUDOMONAS AERUGINOSA	ISO 21149:2017 ISO 22718:2015 ISO 16212:2017 ISO 22717:2015

S/N	Material/ Products Tested	Type of Test/ Property Measured/ Range of Measurement	Standard Specification, Techniques/Equipment Used
	Hair creams, lotions, gels Pomade and brilliantine Skin care creams, lotions, gels Shea butter for cosmetic use Lip balm, gloss, lipstick Hair shampoo Shower gels Handwash gels	ESCHERICHIA COLI CANDIDA ALBICANS	ISO 21150:2015 ISO 18416:2015
15	<b>NON MEDICAL FACE MASKS</b>	BIO-BURDEN	EN 14683:2019
16	<b>TISSUE</b> Facial tissue Toilet paper (Virgin tissue, blended tissue, recycled tissue) Sanitary towels	TOTAL PLATE COUNT STAPHYLOCOCCUS AUREUS YEAST & MOLD PSEUDOMONAS AERUGINOSA ESCHERICHIA COLI CANDIDA ALBICANS	ISO 21149:2017 ISO 22718:2015 ISO 16212:2017 ISO 22717:2015 ISO 21150:2015 ISO 18416:2015
17	<b>ANIMAL FEEDS</b> Bone meal for compounding animal feeds Dried insects for compounding animal feeds (whole insects or ground)	SALMONELLA SPP	AOAC 967.26 ISO 6579-1:2017
18	<b>ANTI-BACTERIAL DETERGENTS &amp; HAND-WASHES</b>	BACTERIACIDAL EFFICACY	EAS 789.2013 annex A
19	<b>INSTANT HAND SANITISER</b>	BACTERIACIDAL EFFICACY	EAS 789.2013 annex A
20	<b>ENVIRONMENTAL SAMPLES/SWABS</b>	TOTAL PLATE COUNT TOTAL COLIFORMS ESCHERICHIA COLI STAPHYLOCOCCUS AUREUS SALMONELLA SPP. ENTEROBACTERICEAE LISTERIA MONOCYTOGENES YEAST & MOLDS	ISO 4833-1 :2013 ISO 4832:2006 ISO 16649-2:2002 ISO 6888-1:2021 AOAC 967.26 & ISO 6579-1:2017 ISO 21528-2:2017 ISO 11290 1&2:2017 ISO 21527-1&2:2008



	Material/ Products Tested	Type of Test/ Property Measured/Range of Measurement	Standard Specification, Techniques/Equipment Used
	<b>TESTING FIELD - CHEMISTRY</b>		
1	FLOUR (Amaranth, Wheat, Cassava, Composite, Instant cereal, Banana, Millet, Pulse, Rice, Sorghum, Maize, Edible full fat soya, Sweet potato, Edible full fat Sesame, Groundnut) & Fortified flours	MOISTURE CONTENT	ISO 712:2009
		PROTEIN CONTENT	AOAC 920.87-1920
		FAT CONTENT	ISO 11085:2015
		ASH CONTENT	ISO 2171:2023
		CARBOHYDRATES	AOAC 986.25-1988(2002), By Difference
		CRUDE FIBRE	ISO 5498:1981
		TOTAL ENERGY	ISO 9831:1998
		FATY ACIDITY	ISO 7305:2019
		SATURATED FAT	AOAC 996.06-1996(2010)
		ACID INSOLUBLE ASH	ISO 5985:2002
		RESIDUE ON SIEVING THROUGH MICRON SIEVE	US EAS 901:2017
		TOTAL SUGARS	AOAC 974.06-1975
		VITAMIN A	AOAC 2001.13-2011 & ECSA Test Method
		IRON	AOAC 999.11-2005(2006)& AOAC 944.02-1944(1993)
		ZINC	AOAC 2011.14-2011 & AOAC 985.35-1988
		CALCIUM AND MAGNESIUM	ISO 8070:2007
		SODIUM	ISO 6869:2000
		PHOSPHORUS	AOAC 986.24-1988(1997)
		COPPER & MANGANESE	AOAC 985.35-1988
		HEAVY METALS ( Pb, Cd, As)	AOAC 999.11-2005(2006)
2	WATER ( Packaged drinking water, Packaged mineral water, Potable water)	CHLORIDE	ISO 9297:1989
		Heavy Metals (Pb,Ni, Se, As, Cd, Cr, Hg, Cu, Al, Fe, Zn, Cr, Mn, Co)	ISO 8288:1986, ISO 11969:1996, ISO 6333:1986, ISO 9174:1998, ISO 6332:1988, ISO 9965:1993
		TOTAL HARDNESS	ISO 6059:1984
		CALCIUM & MAGNESIUM	ISO 7980:1986
		TOTAL DISSOLVED SOLIDS	ASTM D 5907:2018
		PH	ISO 10523:2008
		ELECTROCONDUCTIVITY	ISO 7887:2011
		COLOUR	ISO 7887:2011
		TURBIDITY	ISO 7027-1:2016
		ODOUR	Standard Method for Examination of water & waste water, 19 <sup>th</sup> Edition 1995

		SUSPENDED MATTER	ISO 11923:1997
		NITRITES	ISO 6777:1984
		SODIUM AND POTASSIUM	ISO 9964-1:1993
		SULPHATE	ISO 22743:2006
		NITRATES	ISO 7890-3:1988
		FLOURIDES	ISO 10359-1:1992
		PHOSPHATES	ISO 15681-2:2018
		RESIDUAL FREE CHLORIDE	ISO 7393-1:1985
		AMMONIA	ISO 11732:2005
3	EDIBLE OIL& FATS ( Sunflower oil, Corn oil, Sesame oil, Soy bean oil, Ground nut oil, cotton seed oil, Palm kernel oil, cowboy, blue band, Margarine) & Fortified Oils	PEROXIDE VALUE	ISO 3960:2017
		ACID VALUE	ISO 660:2020
		IODINE VALUE	ISO 3961:2018
		MOISTURE AND VOLATILE MATTER	ISO 662:2016
		Free Fatty Acids	ISO 660:2020
		FAT CONTENT	ISO 17189:2003
		Heavy Metals (Pb, Ni, As, Cd, Cu, Fe)	ISO 8294:1994, AOAC 994.02-1994(2000), ISO 2590:1973
		RELATIVE DENSITY	ISO 6883:2017
		REFRACTIVE INDEX	ISO 6320:2017
		COLOUR	ISO 15305:1998
		INSOLUBLE IMPURITIES	ISO 663:2017
		SAPONIFICATION VALUE	ISO 3657:2020
		UNSAAPONIFIABLE MATTER	ISO 3596:2000
		TOTAL ENERGY	ISO 9831:1998
		CARBOHYDRATES	AOAC 986.25-1988(2002),By Difference
		TOTAL SUGARS	AOAC 974.06-1975
		SODIUM	AOAC 999.10-2005(2006)
		SATURATED FAT	ISO 17780:2015
		PROTEIN CONTENT	ISO 16634-1:2008
4	FORTIFIED EDIBLE SALT (Coarse, Crushed & Table)	IODINE	AOAC 925.56-1925
		MOISTURE CONTENT	ISO 2483:1973
		CHLORIDE AS NaCl	ISO 2463:1973
		MATTER INSOLUBLE IN WATER	ISO 2479:1972
		CALCIUM & MAGNESIUM	ISO 2482:1972
		COPPER	AOAC 999.10-2005(2006)
		ACID INSOLUBLE MATTER	ISO 5985:2002

		pH	ISO 851:1976
		SULPHATE	ISO 2480:1972
		TOTAL ALKALINITY	ISO 1692:1976
5	CEREALS AND PULSES (Dry beans, Maize grains, Soy bean grains, Rice grains, Peas, breakfast cereals, food grain snacks)	GRADING (Foreign matter, Other edible grains, Pest damaged grains, Contrasting varieties, Broken/split, Shrivelled/diseased and discoloured, Total defective grains, Filth)	US EAS 901 2017
		MOISTURE CONTENT	ISO 712:2009
		PROTEIN CONTENT	AOAC 920.87-1920
		FAT CONTENT	ISO 11085:2015
		ASH CONTENT	ISO 2171:2023
		CARBOHYDRATES	AOAC 986.25-1988(2002), By Difference
		CRUDE FIBRE	ISO 5498:1981
		TOTAL ENERGY	ISO 9831:1998
		FREE FATTY ACIDS	ISO 660:2020
		SATURATED FAT	AOAC 996.06-1996(2010)
		ACID INSOLUBLE ASH	ISO 5985:2002
		PEROXIDE VALUE	ISO 3960:2017
		HEAVY METALS ( Pb, Cd, As, Cu, Fe, Zn)	AOAC 999.11-2005(2006)
		SODIUM	ISO 6869:2000
		TOTAL SUGARS	AOAC 974.06-1975
6	DAIRY PRODUCTS (Yoghurt, Ice cream, Ghee, Cheese, Butter, Raw milk, Milk powder, UHT milk, Pasteurized milk, infant formula)	LEAD, COPPER, IRON	AOAC 999.10-2005(2006)
		MOISTURE CONTENT	ISO 5537:2023
		PROTEIN CONTENT	ISO 8968-1:2014, ISO 8968-4:2016
		MILK FAT CONTENT	ISO 2446:2008, ISO 1736:2008
		ASH CONTENT	AOAC 923.03-1923
		pH	ISO 26323:2009
		TITRATABLE ACIDITY VARIATION	AOAC 947.05-1947, ISO 6091:2010, US EAS 27:2019, US EAS 67:2019
		MILK SOLID NON-FAT	ISO 6731:2010
		TOTAL SUGARS	ISO 22184:2021
		TOTAL ENERGY	ISO 9831:1998, By Difference
		SATURATED FAT	AOAC 996.06-1996(2010)
		CARBOHYDRATES	AOAC 986.25-1988(2002), By Difference
		DENSITY	AOAC 925.22-1925
		MELTING POINT	ISO 6321:2021
		PEROXIDE VALUE	ISO 3960:2017
		REFRACTIVE INDEX	ISO 6320:2017

		FREE FATTY ACID	ISO 660:2020
		INSOLUBLE IMPURITIES	ISO 663:2017
		CALCIUM & SODIUM	AOAC 999.10-2005(2006)
7	Dried Meat	MOISTURE CONTENT	ISO 1442:1997
		PROTEIN CONTENT	ISO 937:1978
		FAT CONTENT	ISO 1443:1973
		ASH CONTENT	ISO 936:1998
		CARBOHYDRATES	AOAC 986.25-1988(2002),By Difference
		CRUDE FIBRE	ISO 5498:1981
		TOTAL ENERGY	ISO 9831:1998, By Difference
		SATURATED FAT	AOAC 996.06-1996(2010)
		Fe, Zn, Cu	AOAC 999.11-2005(2006)
		SODIUM	AOAC 999.11-2005(2006)
		Heavy Metals ( Arsenic, Lead, Cadmium)	AOAC 999.11-2005(2006)
8	SAUSAGES (Meat & Fish)	MOISTURE CONTENT	ISO 1442:1997
		PROTEIN CONTENT	ISO 937:1978
		FAT CONTENT	ISO 1443:1973
		ASH CONTENT	ISO 936:1998
		CARBOHYDRATES	AOAC 986.25-1988(2002),By Difference
		CRUDE FIBRE	ISO 5498:1981
		TOTAL ENERGY	ISO 9831:1998, By Difference
		SATURATED FAT	AOAC 996.06-1996(2010)
		SODIUM	AOAC 999.11-2005(2006)
		Heavy Metals ( Arsenic, Lead, Cadmium)	AOAC 999.11-2005(2006)
		Fe, Zn, Cu	AOAC 999.11-2005(2006)
9	SPIRITS (Vodka, Brandy, Gin, Rum, Whisky, Extra Neutral, Liqueur)	ETHYL ALCOHOL	US EAS 104:2014
		TOTAL ACIDS	US EAS 104:2014
		TOTAL SOLIDS	US EAS 104:2014
		VOLATILE ACIDS	US EAS 104:2014
		ESTERS	US EAS 104:2014
		ALDHYDES	US EAS 104:2014
		LEAD	US EAS 104:2014
		COPPER	US EAS 104:2014
		FURFURAL CONTENT	US EAS 104:2014
		ARSENIC	US EAS 104:2014
		IRON	ISO 9526:1990
10	ALCOHOLIC	ETHYL ALCOHOL	US EAS 104:2014

	BEVERAGES (Fermented, Kombucha, Tonto, Wine, Beer, Bushera, Ready to Drink)	TOTAL ACIDITY	US EAS 104:2014
		TOTAL SOLIDS	US EAS 104:2014
		VOLATILE ACIDITY	US EAS 104:2014
		PH	ISO 1842:1991
		SULPHUR DIOXIDE	ISO 5523:1981
		LEAD, CADMIUM, ARSENIC	ISO 6633:1984
		SPECIFIC GRAVITY	US EAS 104:2014
		SOLUBLE SOLIDS	US EAS 104:2014
		COPPER	ISO 7952:1994
		IRON	ISO 9526:1990
11	COSMETICS (SKIN CARE CREAMS, LOTIONS AND GELS, HAIR CREAMS, HAIR RELAXERS, HAIR FOODS, HAIR SHAMPOO, POMADES, HAIR OILS, LIPSTICKS, BODY OILS AND PETROLUUM JELLY)	TOTAL FATTY SUBSTANCE	ISO 685:2020
		PH	ISO 4316:1977
		RANCIDITY	US EAS 847-13:2017
		TOTAL FREE ALKALI	ISO 684:1974
		THERMAL STABILITY	ASTM D 3707-89(1999)
		ORGANIC ACIDS	Annex E of US 191:2021
		SULPHATED ASH	ISO 3987:2010, Annex F of US 191:2021
		HEAVY METALS( Pb, As)	US EAS 847-16:2017
		ACID VALUE	US EAS 847-4:2017
		PEROXIDE NUMBER	ISO 3960:2017
		MELTING POINT	US EAS 847-6:2017
		Specific gravity	Annex C of US 191:2021
		Sulphur and sulphides	Annex G of US 191:2021
12	SOAPS (TOILET, ANTIBACTERIAL, LAUNDRY, POWDERED SAOP, HERBAL AND BATHING)	Freedom from grittiness	US EAS 186-1: 2021
		TOTAL FATTY MATTER	ISO 685:2020
		MATTER INSOLUBLE IN ALCOHOL	ISO 673:1981
		TOTAL FREE ALKALI	ISO 684:1974
		FREE CAUSTIC ALKALI	ISO 456:1973
		CHOLIDE CONTENT	ISO 457:1983
		MOISURE AND VOLATILES	ISO 672:1978
		MATTER INSOLUBLE IN WATER	ISO 6839:1982
		LATHER VOLUME	US EAS 186-1: 2021
13	FRUIT PRODUCTS AND EXTRACTS, CARBONATED AND NON-CARBONATED	VITAMIN C	AOAC 967.22-1968
		ETHANOL CONTENT	ISO 2448:1998

	SOFT DRINKS	Total Soluble Solids (BRIX)	ISO 2173:2003
		TITRATABLE ACIDITY	AOAC 942.15-1965
		PHYSICAL PARAMETERS	AOAC 930.19-1930
		ACID INSOLUBLE ASH	ISO 763:2003
		PROTEIN CONTENT	AOAC 920.87-1920
		ASH CONTENT	AOAC 923.03-1923
		CARBOHYDRATES	AOAC 986.25-1988(2002), By Difference
		FAT CONTENT	fssai manual of methods of analysis of foods - fruit and vegetable products - 2016
		MINERALS (Na, K, Ca, Mg )	fssai manual of methods of analysis of foods - fruit and vegetable products - 2016
		TOTAL ENERGY	ISO 9831:1998, By Difference
		SATURATED FAT	AOAC 996.06-1996(2010)
		HEAVY METALS (Pb, As, Cd)	ISO 6633:1984
14	ROASTED & GROUND COFFEE	MOISTURE	ISO 11294:1994
		TOTAL ASH	ISO 1575:1987
		ACID INSOLUBLE ASH	ISO 1577:1987
		ALKALINITY	ISO 1578:1975
		WATER SOLUBLE MATTER	ISO 9768:1994
		WATER SOLUBLE ASH	ISO 1576:1988
		PETROLEUM ETHER EXTRACT	ISO 1098:1999
15	TEA, (BLACK & GREEN TEA)	MOISTURE	ISO 1573:1980
		TOTAL ASH	ISO 1575:1987
		ACID INSOLUBLE ASH	ISO 1577:1987
		ALKALINITY	ISO 1578:1975
		WATER EXTRACT	ISO 9768:1994
		WATER SOLUBLE ASH	ISO 1576:1988
		CRUDE FIBRE	ISO 15598:1999
16	COMPOUNDED FEEDS (Poultry, Dog, Fish, Cattle, Pig)	Metabolizable energy	ISO 9831:1998
		Crude protein	ISO 5983-1:2005
		Crude fibre	ISO 6865:2000
		Acid insoluble ash	ISO 5985:2002
		Crude fat	ISO 6492:1999
		Nutrients (Zn, Se, Cu, Fe, Mn, Co)	AOAC 999.11-2005(2006)
		Total Calcium	ISO 6490-1:1985
		Total Phosphorus	ISO 6491:1998
		Vitamin A	ISO 14565:2000
		Methionine & Lysine	ISO 13903:2005
		Moisture	ISO 6496:1999



		Total sodium chloride	ISO 6495:1999
		Heavy Metals ( Pb, Cd, As)	ISO 27085:2009
17	BONE MEAL & FISH MEAL FOR CO ANIMAL FEEDS	MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		ACID INSOLUBLE ASH	ISO 5985:2002
		FREE FATTY ACID	ISO 7305:2019
		CRUDE FIBRE	ISO 6865:2000
18	MAIZE AND WHEAT BRAN AS LIVESTOCK FEEDS	MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		ACID INSOLUBLE ASH	ISO 5985:2002
		FREE FATTY ACID	ISO 7305:2019
		CRUDE FIBRE	ISO 6865:2000
19	OILSEED CAKE AND MEAL AS ANIMAL FEED	MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		ACID INSOLUBLE ASH	ISO 5985:2002
		FREE FATTY ACID	ISO 7305:2019
		CRUDE FIBRE	ISO 6865:2000
20	HONEY	MOISTURE	AOAC 969.38-1969
		TOTAL ASH	AOAC 920.181-1920
		WATER INSOLUBLE SOLIDS	US EAS 36:2020
		ACIDITY	AOAC 962.19-1977
		HEAVY METALS (Pb, As, Cd)	AOAC 999:10-2005(2006)
		TOTAL ENERGY	ISO 9831:1998, By Difference
		SATURATED FAT	AOAC 996.06-1996(2010)
		CARBOHYDRATES	AOAC 986.25-1988(2002),By Difference
		FAT CONTENT	fssai manual of methods of analysis of foods - fruit and vegetable products - 2016
		PROTEIN CONTENT	AOAC 920.87-1920
		MINERALS (Na, K,Ca, Mg )	fssai manual of methods of analysis of foods - fruit and vegetable products - 2016
21	VINEGAR	TOTAL ACID CONTENT	ISO 750:1998, US EAS 104:2014
		RESIDUAL ALCOHOL CONTENT	US EAS 104:2014
		SOLUBLE SOLIDS	US EAS 104:2014



		PH	US EAS 104:2014
		ASH	US EAS 104:2014
		COPPER	ISO 7952:1994
		IRON	ISO 9526:1990
		TOTAL SOLIDS	ISO 2173:2003
		HEAVY METALS ( Pb, As, Cd)	AOAC 999:10-2005(2006)
22	SILVER FISH (Dried, Dry Roasted, Canned)	MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		CARBOHYDRATES	AOAC 986.25-1988(2002),By Difference
		CRUDE FIBRE	ISO 5498:1981
		MINERALS (Fe, Na, Mg, Ca)	AOAC 999:11-2005(2006)
		TOTAL ENERGY	ISO 9831:1998
		ACID INSOLUBLE ASH	ISO 5985:2002
		SATURATED FAT	AOAC 996.06-1996(2010)
		HEAVY METALS ( Pb, As, Cd )	AOAC 999:11-2005(2006)
23	DRIED & SALTED DRIED FISH	MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		CARBOHYDRATES	AOAC 986.25-1988(2002),By Difference
		CRUDE FIBRE	ISO 5498:1981
		MINERALS (Fe, Na, Mg, Ca)	AOAC 999:11-2005(2006)
		TOTAL ENERGY	ISO 9831:1998
		ACID INSOLUBLE ASH	ISO 5985:2002
		SATURATED FAT	AOAC 996.06-1996(2010)
		HEAVY METALS ( Pb, As, Cd )	AOAC 999:11-2005(2006)
24	FROZEN FISH FILLETS	MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		CARBOHYDRATES	AOAC 986.25-1988(2002),By Difference
		CRUDE FIBRE	ISO 5498:1981
		MINERALS (Fe, Na, Mg, Ca)	AOAC 999:11-2005(2006)
		TOTAL ENERGY	ISO 9831:1998
		ACID INSOLUBLE ASH	ISO 5985:2002

		SATURATED FAT	AOAC 996.06-1996(2010)
		HEAVY METALS ( Pb, As, Cd )	AOAC 999.11-2005(2006)
25	SMOKED FISH, SMOKE FLAVOURED & SMOKE DRIED FISH	MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		CARBOHYDRATES	AOAC 986.25-1988(2002), By Difference
		CRUDE FIBRE	ISO 5498:1981
		MINERALS (Fe, Na, Mg, Ca)	AOAC 999.11-2005(2006)
		TOTAL ENERGY	ISO 9831:1998
		ACID INSOLUBLE ASH	ISO 5985:2002
		SATURATED FAT	AOAC 996.06-1996(2010)
		HEAVY METALS ( Pb, As, Cd )	AOAC 999.11-2005(2006)
26	LIQUID SOAP AND DETERGENTS (DISH WASHING, GENERAL PURPOSE SYNTETIC )	MATTER INSOLUBLE IN ALCOHOL	ISO 673:1981
		PH VALUE RANGE	ISO 4316:1977
		TOTAL SURFACE ACTIVE MATTER CONTENT	ISO 2268:1972
		INORGANIC SALTS CONTENT	ISO 2268:1972
		RINSING PROPERTIES	ISO 7535:1984
		TOTAL FATTY MATTER	ISO 685:2020
		FREE CAUSTIC ALKALI	ISO 456:1973
		TOTAL NON-DETERGENT ORGANIC MATTER	US EAS 383:2013
		ACTIVE INGREDIENT CONTENT	US EAS 383:2013
27	TOMATO PRODUCTS (TOMATO SAUCE AND KETCHUP, CANNED (PRESERVED) TOMATO, TOMATO JUICE & TOMATO CONCENTRATES (PASTE AND PUREE) )	TOTAL SOLUBLE SOLIDS	AOAC 970.59-1973
		SPECIFIC GRAVITY	Annex A of US EAS 66-2:2017
		pH	ISO 1842:1991
		SODIUM CHLORIDE	AOAC 971.27-1976
		LEAD (Pb)	AOAC 999.10-2005(2006)
		TIN (Sn)	ISO 17240:2004
28	VEGETABLE AND NUT SPREAD	SALT	AOAC 971.27-1976
		PEROXIDE VALUE	ISO 3960:2017
		LEAD (Pb)	AOAC 999.10-2005(2006)
		ARSENIC (As)	AOAC 999.10-2005(2006)
		PROTEIN CONTENT	ISO 937:1978
		FAT CONTENT	ISO 1443:1973
		ASH CONTENT	ISO 936:1998
		CARBOHYDRATES	AOAC 986.25-1988(2002), By Difference
		CRUDE FIBRE	ISO 5498:1981

29	SPICES (Chilli peppers, Curry powder, Tea masala, Pilau masala)	TOTAL ENERGY	ISO 9831:1998, By Difference
		SATURATED FAT	AOAC 996.06-1996(2010)
		MOISTURE CONTENT	ISO 6496:1999
		PROTEIN CONTENT	ISO 5983-1:2005
		FAT CONTENT	AOAC 920.85-1920
		ASH CONTENT	AOAC 923.03-1923
		ACID INSOLUBLE ASH	ISO 5985:2002
		CRUDE FIBRE	ISO 5498:1981
		MINERALS (Fe, Na, Mg, Ca)	AOAC 999.11-2005(2006)
		CARBOHYDRATES	AOAC 986.25-1988(2002), By Difference
30	NUTRIENT-CONCENTRATED FOODS FOR THERAPEUTIC USES	TOTAL ENERGY	ISO 9831:1998, By Difference
		MOISTURE	ISO 712:2009
		PROTEINS	ISO 20483:2013
		LIPIDS	ISO 11085:2015
		SODIUM, POTASSIUM, CALCIUM	AOAC 984.27-1986
		MAGNESIUM, IRON, ZINC, COPPER	AOAC 985.35-1988
31	INSTANT HAND SANITIZER	ALCOHOL CONTENT	AOAC 942.06-1942
		pH	ISO 10523:2008
32	TOILET PAPER & SERVIETTE	MOISTURE CONTENT	AOAC 965.08-1974
		pH	ISO 10390:2005
33	FERTILIZER -(NKP)COMPOUND	LEAD	ISO 17318:2015
		NITROGEN	ISO 5315:984
		POTASSIUM	ISO 5310:1986
		PHOSPHATE	ISO 15959:2016
		ARSENIC	ISO 17318:2015
		CADMIUM	ISO 17318:2015
		IRON	ISO 17318:2015
		CALCIUM	ISO 17318:2015
		ZINC	ISO 17318:2015
		CHROMIUM	AOAC 2006.03-2009
		MAGNESSIUM	AOAC 2006.03-2009
		MANGANESE	AOAC 2006.03-2009
		COPPER	ISO 11047:1998
34	ORGANIC, INORGANIC, BIOFERTILIZER (SOLID, LIQUID)	MOISTURE CONTENT	AOAC 965.08-1974
		pH	ISO 10390:2005
		LEAD	ISO 17318:2015
		ARSENIC	ISO 17318:2015

		CADMIUM	ISO 17318:2015
		COPPER	ISO 11047:1998
		CHROMIUM	ISO 17318:2015
		MOISTURE CONTENT	ISO 10390:2005
35	CALCIUM AMMONIUM NITRATE FERTILIZER	CALCIUM	ISO 17318:2015
		LEAD	ISO 17318:2015
		ARSENIC	ISO 17318:2015
		CADMIUM	ISO 11047:1998
		CHROMIUM	ISO 17318:2015
		MOISTURE CONTENT	AOAC 965.08-1974
		LEAD	ISO 17318:2015
36	MONOAMMONIUM PHOSPHATE(MAP) FERTILIZER	ARSENIC	ISO 17318:2015
		CADMIUM	ISO 17318:2015
		WATER SOLUBLE PHOSPHATE AS P <sub>2</sub> O <sub>5</sub>	AOAC 978.01-1980
		AVAILABLE PHOSPHATE AS P <sub>2</sub> O <sub>5</sub>	AOAC 978.01-1980

ISSUED BY

UGANDA NATIONAL BUREAU OF STANDARDS

  
 .....  
 MANAGER CERTIFICATION DEPARTMENT

