



CERTIFICATE OF ACCREDITATION

This is to attest that

LONESTAR TECHNICAL SERVICES LLC
BUILDING #DY34, INSIDE DUBAI SHIP DOCKING YARD, AL JADAF
DUBAI, 8817, UNITED ARAB EMIRATES

Testing Laboratory TL-1098

has met the requirements of AC89, *IAS Accreditation Criteria for Testing Laboratories*, and has demonstrated compliance with ISO/IEC Standard 17025:2017, *General requirements for the competence of testing and calibration laboratories*. This organization is accredited to provide the services specified in the scope of accreditation.

Effective Date October 19, 2023



A handwritten signature in black ink, reading "Raj Nathan".

President

SCOPE OF ACCREDITATION

International Accreditation Service, Inc.

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LONESTAR TECHNICAL SERVICES LLC

www.lonestar-lab.com

Contact Name Ray Corsiga

Contact Phone +971 564061538

Accredited to ISO/IEC 17025:2017

Effective Date October 19, 2023

Petroleum Products and Related Materials	
ASTM D86-20b	Standard Test Method for Distillation of Petroleum Products and Liquid Fuels at Atmospheric Pressure
ASTM D92-18	Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester
ASTM D93-20	Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester
ASTM D95-13 (Reapproved 2018)	Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation
ASTM D97-17b	Standard Test Method for Pour Point of Petroleum Products
ASTM D130-19	Standard Test Method for Corrosiveness to Copper from Petroleum Products by Copper Strip Test
ASTM D445-21e1	Standard Test Method for Kinematic Viscosity of Transparent and Opaque Liquids (and Calculation of Dynamic Viscosity)
ASTM D473-2022	Standard Test Method for Sediment in Crude Oils and Fuel Oils by the Extraction Method
ASTM D482-19	Standard Test Method for Ash from Petroleum Products
ASTM D971-20	Standard Test Method for Interfacial Tension of Insulating Liquids Against Water by the Ring Method
ASTM D974-21	Standard Test Method for Acid and Base Number by Color-Indicator Titration
ASTM D976-21	Standard Test Method for Calculated Cetane Index of Distillate Fuels
ASTM D1298-12B (Reapproved 2017)	Standard Test Method for Density, Relative Density, or API Gravity of Crude Petroleum and Liquid Petroleum Products by Hydrometer Method
ASTM D1500-12 (Reapproved 2017)	Standard Test Method for ASTM Color of Petroleum Products (ASTM Color Scale)
ASTM D2709-16	Standard Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge
ASTM D2896-21	Standard Test Method for Base Number of Petroleum Products by Potentiometric Perchloric Acid Titration

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ASTM D4294-21	Standard Test Method for Sulfur in Petroleum and Petroleum Products by Energy Dispersive X-ray Fluorescence Spectrometry
ASTM D4530-15 (Reapproved 2020)	Standard Test Method for Determination of Carbon Residue (Micro Method)
ASTM D4868-17	Standard Test Method for Estimation of Net and Gross Heat of Combustion of Hydrocarbon Burner and Diesel Fuels
ASTM D5185-18	Standard Test Method for Multielement Determination of Used and Unused Lubricating Oils and Base Oils by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP-AES)
IEC 60156 Ed. 3.0 - 2018-08	Insulating liquids - Determination of the breakdown voltage at power frequency - Test method
ISO 4406-2021	Hydraulic fluid power - Fluids - Method for coding the level of contamination by solid particles
Fish and Meat and Its Products	
AOAC 920.153/938.08	Ash
AOAC 928.02	Determination of Protein
AOAC 935.39 / 923.03	Ash
AOAC 937.09	Salt
AOAC 941.12	Acid insoluble Ash
AOAC 950.46	Moisture
AOAC 960.39	Fat
AOAC 977.13	Histamine
AOAC 986.25E	Carbohydrates
AOAC 994.10	Cholesterol
AOAC 996.01	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
AOAC 2011.14	Calcium (Ca) Iron (Fe) Magnesium (Mg) Mercury (Hg) Phosphorous (P) Potassium (K) Sodium (Na)
AOAC 2013.06/2015.01	Antimony (Sb) Arsenic (As) Cadmium (Cd) Chromium (Cr)

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	Cobalt (Co) Copper (Cu) Lead (Pb) Manganese (Mn) Molybdenum (Mo) Nickel (Ni) Tin (Sn) Zinc (Zn)
AOCS ce 2h-66	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
CHM-SOP-356	Ash
CHM-SOP-357	Determination of Protein
CHM-SOP-358	Fat
CHM-SOP-359	Carbohydrates
CHM-SOP-360 /By Calculation/IS 9487	Energy
CHM-SOP-362	Salt
CHM-SOP-368	Cholesterol
CHM-SOP-370	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
CHM-SOP-372 /964.24	pH
CHM-SOP-378	Antimony (Sb) Arsenic (As) Cadmium (Cd) Chromium (Cr) Cobalt (Co) Copper (Cu) Lead (Pb) Manganese (Mn) Molybdenum (Mo) Nickel (Ni) Tin (Sn) Zinc (Zn) Mercury (hg)
CHM-SOP-379	Calcium (Ca) Iron (Fe) Magnesium (Mg) Mercury (Hg) Phosphorous (P) Potassium (K) Sodium (Na)
CHM-SOP-383	Histamine

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CHM-SOP-387 /(95/149/EC)	TVBN
CHM-SOP-390 /935.48/993.30	Nitrite
CHM-SOP-390 /935.48/993.30	Nitrate
CHM-SOP-396	Acid insoluble Ash
CHM-SOP-411	Moisture
IS 1656	Carbohydrates
Tea and Coffee and Product / Coffee Powder	
AOAC 900.02	Water Soluble Ash
AOAC 900.02	Alkalinity
AOAC 920.104	Water Extract
AOAC 920.153/938.08	Ash
AOAC 935.39 / 923.03	Ash
AOAC 941.12	Acid insoluble Ash
AOAC 962.09	Crude fibre
AOAC 968.11	Moisture
AOAC 980.14	Caffeine
AOAC 2011.14	Metals: Calcium(Ca) Sodium(Na) Potassium(K) Magnesium(Mg) Phosphorous(P) Iron(Fe)
AOAC 2013.06/2015.01	Heavy Metals: Lead(Pb) Tin(Sn) Cadmium(Cd) Mercury(Hg) Arsenic (As) Chromium (Cr) Nickel(Ni) Copper(Cu) Zinc(Zn) Cobalt(Co) Antimony(Sb) Manganese(Mn) Molybdenum (Mo)

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CHM-SOP-356	Ash
CHM-SOP-367	Caffeine
CHM-SOP-378	Heavy Metals: Lead(Pb) Tin(Sn) Cadmium(Cd) Mercury(Hg) Arsenic (As) Chromium (Cr) Nickel(Ni) Copper(Cu) Zinc(Zn) Cobalt(Co) Antimony(Sb) Manganese(Mn) Molybdenum (Mo)
CHM-SOP-379	Metals: Calcium(Ca) Sodium(Na) Potassium(K) Magnesium(Mg) Phosphorous(P) Iron(Fe)
CHM-SOP-396	Acid insoluble Ash
CHM-SOP-399	Crude fibre
CHM-SOP-411	Moisture
CHM-SOP-413	Ochratoxin A
ELISA Kit Method	Ochratoxin A
Honey	
AOAC 920.181	Ash
AOAC 958.09	Diastase Activity
AOAC 962.18	Protein
AOAC 962.19	Acidity
AOAC 969.38	Moisture
AOAC 977.20	Determination of Sugars (Glucose, Fructose, Sucrose, Maltose, Lactose)
AOAC 980.23	Hydroxyl Methyl furfural (HMF)
AOAC 981.12	pH
AOAC 2011.14	Calcium (Ca) Potassium (K)

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	Sodium (Na)
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Palladium (Pd) Tin (Sn) Zinc (Zn)
AOAC Ch.44	Conductivity
By Calculation	F - G Ratio
CHM-SOP-356	Ash
CHM-SOP-357	Protein
CHM-SOP-369	Diastase Activity
CHM-SOP-371	Hydroxyl Methyl furfural (HMF)
CHM-SOP-372	pH
CHM-SOP-373	Specific Gravity at 27°C
CHM-SOP-375	Determination of Sugars (Glucose, Fructose, Sucrose, Maltose, Lactose)
CHM-SOP-378	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Palladium (Pd) Tin (Sn) Zinc (Zn)
CHM-SOP-379	Calcium (Ca) Potassium (K) Sodium (Na)
CHM-SOP-389	Optical Density @ 660nm
CHM-SOP-392	Fiehe's Test
CHM-SOP-411	Moisture
IS 4941	Fiehe's Test
IS 4941	Specific Gravity at 27°C
IS 4941	Optical Density @ 660nm

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Milk & Dairy Products	
AOAC 925.23	Total Solids Content
AOAC 925.23/927.05	Moisture
AOAC 930.30 / 945.46	Ash content
AOAC 937.09	Salt Content
AOAC 941.12	Acid Insoluble Ash
AOAC 947.05	Fat Acidity
AOAC 947.05	Acidity of Milk
AOAC 964.24	pH
AOAC 965.33/920.39	Peroxide Value
AOAC 980.13	Determination of Sugars (Glucose, Maltose, Fructose, Sucrose, lactose)
AOAC 985.01	Calcium (Ca) Magnesium (Mg) Potassium (K) Sodium (Na)
AOAC 986.25 E	Carbohydrates
AOAC 989.05 & 932.06	Fat
AOAC 990.21	Solids Not Fat
AOAC 991.20	Protein
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Zinc (Zn)
AOAC Ch 29	Artificial Sweetener (Aspartame, Acesulfame, Saccharin)
CHM-SOP-356	Ash content
CHM-SOP-357	Protein
CHM-SOP-358	Fat
CHM-SOP-359	Carbohydrates
CHM-SOP-360 /By Calculation	Energy

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CHM-SOP-362	Salt Content
CHM-SOP-372	pH
CHM-SOP-375	Determination of Sugars (Glucose, Maltose, Fructose, Sucrose, lactose)
CHM-SOP-378	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Zinc (Zn)
CHM-SOP-379	Calcium (Ca) Magnesium (Mg) Potassium (K) Sodium (Na)
CHM-SOP-381	Coca solids for coca power only
CHM-SOP-388	Solubility Test
CHM-SOP-394	Artificial Sweetener (Aspartame, Acesulfame, Saccharin)
CHM-SOP-396	Acid Insoluble Ash
CHM-SOP-411	Moisture
FSSAI Lab Manual	Coca solids for coca power only
FSSAI Lab Manual	Solubility Test
IS 1656	Carbohydrates
IS 9487	Energy
Animal Feed, Aqua Feed, Feed Supplement, Feed Ingredients, Oil Cake and Meal (Fish, Rapeseed, Guar, Bran, etc.)	
AOAC 920.39	Total fat
AOAC 930.15	Moisture
AOAC 940.28	Fat Acidity
AOAC 941.12	Acid Insoluble Ash
AOAC 942.05	Ash
AOAC 954.01	Protein
AOAC 962.09	Crude fiber
AOAC 965.33/920.39	Peroxide Value/Rancidity

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AOAC 982.14	Fructose Glucose Lactose Maltose Sucrose
AOAC 985.01	Calcium (Ca) Cobalt (Co) Iron (Fe) Magnesium (Mg) Manganese (Mn) Phosphorous (P) Potassium (K) Sodium (Na) Zinc (Zn)
AOAC 986.25 E	Carbohydrates
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Lead (Pb) Mercury (Hg) Molybdenum (Mo)
CHM-SOP-356	Ash
CHM-SOP-357	Protein
CHM-SOP-358	Total fat
CHM-SOP-359	Carbohydrates
CHM-SOP-360 /By Calculation/IS 9487	Energy
CHM-SOP-375	Fructose Glucose Lactose Maltose Sucrose
CHM-SOP-378	Arsenic (As) Cadmium (Cd) Lead (Pb) Mercury (Hg) Molybdenum (Mo)
CHM-SOP-379	Calcium (Ca) Cobalt (Co) Iron (Fe) Magnesium (Mg) Manganese (Mn) Phosphorous (P) Potassium (K)

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	Sodium (Na) Zinc (Zn)
CHM-SOP-396	Acid Insoluble Ash
CHM-SOP-399	Crude fiber
CHM-SOP-411	Moisture
CHM-SOP-412	Aflatoxin (Total)
ELISA Kit Method	Aflatoxin (Total)
IS 1656	Carbohydrates
Cereal Pulses and Cereal Products (Food Grains – Whole and Grounded, Pulses Processed and Packed Breakfast Cereals, Snacks, Flour, Atta)	
AOAC 920.39	Total fat
AOAC 920.87	Protein
AOAC 923.03	Ash content
AOAC 930.15	Moisture
AOAC 937.09	Salt Content
AOAC 940.28	Acid Insoluble Ash
AOAC 962.09	Crude fiber
AOAC 965.33 /920.39	Peroxide Value/ Rancidity
AOAC 965.33 /920.39	Fat Acidity
AOAC 982.14	Fructose Glucose Lactose Maltose Sucrose
AOAC 985.01	Calcium (Ca) Sodium (Na) Potassium (K) Magnesium (Mg)
AOAC 986.21	Moisture
AOAC 986.25 E	Carbohydrates
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb)

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	Mercury (Hg) Zinc (Zn)
AOAC 2014.03	Gluten
CHM-SOP-356	Ash content
CHM-SOP-357	Protein
CHM-SOP-358	Total fat
CHM-SOP-359	Carbohydrates
CHM-SOP-360 /By Calculation	Energy
CHM-SOP-362	Salt Content
CHM-SOP-375	Fructose Glucose Lactose Maltose Sucrose
CHM-SOP-378	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Zinc (Zn)
CHM-SOP-379-00	Calcium (Ca) Sodium (Na) Potassium (K) Magnesium (Mg)
CHM-SOP-391	Gluten
CHM-SOP-396	Acid Insoluble Ash
CHM-SOP-399	Crude fiber
CHM-SOP-411	Moisture
CHM-SOP-411	Moisture
CHM-SOP-412	Aflatoxin (Total)
CHM-SOP-413	Ochratoxin A
ELISA Kit Method	Ochratoxin A
ELISA Kit Method	Aflatoxin (Total)

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FSSAI Lab Manual	Gluten
IS 1656	Carbohydrates
IS 9487	Energy
Spices and Spices Products	
AOAC 356/941.12	Ash
AOAC 920.168	Starch
AOAC 920.169 / 962.09E	Crude fiber
AOAC 940.29	Cold water extract
AOAC 2001.11/920.165	Protein
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Zinc (Zn)
ASTA 8.0	Starch
CHM-SOP-356	Acid Insoluble Ash Ash
CHM-SOP-357	Protein
CHM-SOP-378	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Zinc (Zn)
CHM-SOP-384 /Method 7196A	Chromium VI
CHM-SOP-396	Acid Insoluble Ash Ash
CHM-SOP-397	Starch
CHM-SOP-398	Cold water extract
CHM-SOP-399	Crude fiber
CHM-SOP-400	Nonvolatile ether extract

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CHM-SOP-411/AOAC 986.21	Moisture
CHM-SOP-412	Aflatoxin (Total)
CHM-SOP-413	Ochratoxin A
ELISA Kit Method	Ochratoxin A
ELISA Kit Method	Aflatoxin (Total)
FSSAI Lab Manual	Nonvolatile ether extract
Dry Fruits, Dry Fruits and Nuts, Nuts (Pistachio, Almond, Peanut)	
AOAC 925.40	Moisture
AOAC 935.53 / 962.09E /978.10	Crude Fibre
AOAC 948.22	Fat
AOAC 948.22	Acidity Value of the Extracted Fat
AOAC 950.48	Protein
AOAC 950.49	Ash
AOAC 986.25 E	Carbohydrates
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Zinc (Zn)
AOAC Ch 16.4	Defective nuts Foreign matter Immatured Nuts Void Nuts
CHM-SOP-356	Ash
CHM-SOP-357	Protein
CHM-SOP-358	Fat
CHM-SOP-359	Carbohydrates
CHM-SOP-360 /By Calculation/IS 9487	Energy
CHM-SOP-378	Arsenic (As) Cadmium (Cd)

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	Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Zinc (Zn)
CHM-SOP-380	Defective nuts Foreign matter Immatured Nuts Void Nuts
CHM-SOP-396	Acid Insoluble Ash
CHM-SOP-399	Crude Fibre
CHM-SOP-411	Moisture
CHM-SOP-412	Aflatoxin (Total)
CHM-SOP-413	Ochratoxin A
ELISA Kit Method	Ochratoxin A
FSSAI Lab Manual	Defective nuts Foreign matter Immatured Nuts Void Nuts
IS 1656	Carbohydrates
ISO 729: 7988 / 969.17	Acidity Value of the Extracted Fat
ISO 735: 1977	Acid Insoluble Ash
Bakery & Confectionery Products (Cooked and Baked Food, Ready to Eat Foods & Bakery Products)	
AOAC 920.87	Protein
AOAC 923.03	Ash
AOAC 925.23	Total solids Content
AOAC 930.15	Moisture
AOAC 935.53 / 962.09E / 978.10	Crude Fibre
AOAC 940.28	Acid insoluble ash
AOAC 947.05	Acidity Of Extracted Fat
AOAC 948.22	Fat
AOAC 965.33/920.39	Rancidity
AOAC 973.23. Ch-36	Alcohol content

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AOAC 982.14	Fructose Glucose Lactose Maltose Sucrose
AOAC 985.01	Calcium (Ca) Magnesium (Mg) Potassium (K) Sodium (Na)
AOAC 985.29	Total Dietary Fibre
AOAC 986.25 E	Carbohydrates
AOAC 993.20	Iodine value
AOAC 994.10	Cholesterol
AOAC 996.01	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Tin (Sn) Zinc (Zn)
AOAC Ch 32	Salt as NaCl
AOCS ce 2h-66	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
CHM-SOP-356	Ash
CHM-SOP-357	Protein
CHM-SOP-358	Fat
CHM-SOP-359	Carbohydrates
CHM-SOP-360 /By Calculation	Energy
CHM-SOP-361	Total Dietary Fibre
CHM-SOP-362	Salt as NaCl
CHM-SOP-364	Alcohol content
CHM-SOP-368	Cholesterol
CHM-SOP-370	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
CHM-SOP-375	Fructose

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	Glucose Lactose Maltose Sucrose
CHM-SOP-378	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Tin (Sn) Zinc (Zn)
CHM-SOP-379-00	Calcium (Ca) Magnesium (Mg) Potassium (K) Sodium (Na)
CHM-SOP-381	Coca solids for coca power only
CHM-SOP-396	Acid insoluble ash
CHM-SOP-399	Crude Fibre
CHM-SOP-411	Moisture
FSSAI Lab Manual	Coca solids for coca power only
IS 1656	Carbohydrates
IS 9487	Energy
Physical Observation	Rancidity
Non-Alcoholic, Caffeinated, Carbonated Beverages	
AOAC 920.67	Ash
AOAC 920.87	Protein
AOAC 925.23	Total Solids Content
AOAC 981.12	pH
AOAC 982.14	Determination of Sugars (Glucose, Maltose, Fructose, Sucrose, Lactose)
AOAC 985.01	Calcium (Ca) Magnesium (Mg) Potassium (K) Sodium (Na)
AOAC 986.25 E	Carbohydrates
AOAC 989.05	Fat

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AOAC 994.11	Preservatives (Benzoic acid)
AOAC 2013.06/2015.01	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Tin (Sn) Zinc (Zn)
AOAC Ch 29	Moisture
CHM-SOP-356	Ash
CHM-SOP-357	Protein
CHM-SOP-358	Fat
CHM-SOP-359	Carbohydrates
CHM-SOP-360 /By Calculation	Energy
CHM-SOP-363	Preservatives (Benzoic acid)
CHM-SOP-366	BRIX
CHM-SOP-372	pH
CHM-SOP-375	Determination of Sugars (Glucose, Maltose, Fructose, Sucrose, Lactose)
CHM-SOP-378	Arsenic (As) Cadmium (Cd) Copper (Cu) Iron (Fe) Lead (Pb) Mercury (Hg) Tin (Sn) Zinc (Zn)
CHM-SOP-379	Calcium (Ca) Magnesium (Mg) Potassium (K) Sodium (Na)
CHM-SOP-385	Sulfur dioxide
CHM-SOP-411	Moisture
FSSAI Lab Manual	Sulfur dioxide
IS 1656	Carbohydrates
IS 9487	Energy

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IS 13815	BRIX
ISO 2173	BRIX
Nutritional Analysis of Food Product	
AOAC 920.87	Protein
AOAC 948.22	Fat
AOAC 982.14	Fructose Glucose Sucrose Maltose Lactose
AOAC 985.01	Calcium (Ca) Iron (Fe) Potassium (K) Sodium (Na)
AOAC 985.29	Total Dietary Fibre
AOAC 986.25 E	Carbohydrate
AOAC 992.04/992.06	Vitamin A
AOAC 992.26/999.14/2011.13	Vitamin D
AOAC 994.10	Cholesterol
AOAC 996.01	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
AOAC 2004.07	Vitamin B6
AOAC 2012.21	Vitamin C
AOAC 2015.14	Vitamin B1 Vitamin B2 Vitamin B7 Vitamin B5
AOCS ce 2h-66	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
CHM-SOP-357	Protein
CHM-SOP-358	Fat
CHM-SOP-359	Carbohydrate
CHM-SOP-360 /By Calculation	Energy
CHM-SOP-361	Total Dietary Fibre

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CHM-SOP-368	Cholesterol
CHM-SOP-370	Fatty Acid Profile (Saturated, Unsaturated, Monounsaturated, Trans Fat)
CHM-SOP-372	Fructose Glucose Sucrose Maltose Lactose
CHM-SOP-376	Vitamin A
CHM-SOP-377	Vitamin C
CHM-SOP-378	Calcium (Ca) Iron (Fe) Potassium (K) Sodium (Na)
CHM-SOP-386	Vitamin B1 Vitamin B2 Vitamin B7 Vitamin B5
CHM-SOP-386	Vitamin B6
CHM-SOP-393	Vitamin D
IS 1656	Carbohydrate
IS 9487	Energy
Preservatives in Food Products	
AOAC 994.11	Benzoic Acid Sorbic Acid
CHM-SOP-363	Benzoic Acid Sorbic Acid
Artificial Sweeteners in Food Product	
AOAC Ch 29	Acesulfame Aspartame Saccharin Sucralose
CHM-SOP-394	Acesulfame Aspartame Saccharin Sucralose
Fruits and Vegetables	
AOAC Appendix	BRIX

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CHM-SOP-366	BRIX
CHM-SOP-382	Methyl bromide residue
US EPA 8260 B	Methyl bromide residue
Artificial Colour in Food Product	
CHM-SOP-365	Tartrazine Ponceau 4R Sunset Yellow FCF Allura red AC Carmoisine Erythrosin B Certified Sodium Indigo, Synthetic Brilliant Blue FCF Fast Green FCF Patent Blue V Sodium Salt
FSSAI Lab Manual	Tartrazine Ponceau 4R Sunset Yellow FCF Allura red AC Carmoisine Erythrosin B Certified Sodium Indigo, Synthetic Brilliant Blue FCF Fast Green FCF Patent Blue V Sodium Salt
Antioxidant in Food Product	
AOAC Ch 47	BHA BHT TBHQ
CHM-SOP-395	BHA BHT TBHQ
Asbestos Analysis	
US EPA Method 600 /R-93-116	Asbestos analysis (PLM) in bulk material
Natural Gas	
GPA 2261 GPA 2286/ 2261	Oxygen Nitrogen Carbon dioxide Methane (C1) Ethane (C2) Hydrogen sulfide Propane (C3)

SCOPE OF ACCREDITATION

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	Iso-Butane n-Butane (C4) Iso-Pentane n-Pentane (C5) Hexane Plus (C6)
Edible Oil and Ghee	
AOAC 920.160	Saponification Value
AOAC 921.08	Refractive Index
AOAC 933.08	Unsaponifiable matter
AOAC 940.28	Acid Value
AOAC 993.20	Iodine value
AOAC 994.10	Cholesterol
AOAC 996.01	Saturated Fatty Acid Poly Unsaturated Fatty Acid Mono Unsaturated Fatty Acid Trans Fatty Acid
AOAC 2013.06/2015.01	Arsenic (As) Copper (Cu) Iron (Fe) Lead (Pb)
AOCS ce 2h-66	Saturated Fatty Acid Poly Unsaturated Fatty Acid Mono Unsaturated Fatty Acid Trans Fatty Acid
CHM-SOP-368	Cholesterol
CHM-SOP-370	Saturated Fatty Acid Poly Unsaturated Fatty Acid Mono Unsaturated Fatty Acid Trans Fatty Acid
CHM-SOP-378	Arsenic (As) Copper (Cu) Iron (Fe) Lead (Pb)
ISO 662	Moisture Content Volatile Matter
ISO 663	Insoluble Impurities
ISO 3960	Peroxide Value
Oil	

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ASTM D3612-C	Dissolved Gas Analysis in Electrical Insulating Oil
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