National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : KCS QUALITY INSPECTION PRIVATE LIMITED, DOOR NO. HARBOUR HEIGHTS, 1ST FLOOR, MUTHUKUR VILLAGE, MUTHUKUR MANDAL, NELLORE, SPSR NELLORE, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9814 **Page No** 1 of 4

Validity 06/09/2021 to 05/09/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maize	Moisture	FSSAI Manual for Cereal and Cereal Products (2016) 8.1 Page No. 13
2	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maize	Other Food Grains	IS 4333 (Part 1)
3	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maize	Weevilled Grains	IS 4333 (Part 1)
4	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maize	Ash Insoluble in Dilute HCl	FSSAI Manual for Cereal and Cereal Products (2016) 8.3 Page No. 16
5	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maize	Determination of Foreign Matter	FSSAI Manual for Cereal and Cereal Products (2016) 1.2 Page No. 02
6	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maize	Refractions other than Foreign Matter	FSSAI Manual for Cereal and Cereal Products (2016) 1.4 Page No. 03
7	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Maize	Total Ash	FSSAI Manual for Cereal and Cereal Products (2016) 8.2 Page No. 14
8	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Ash Insoluble in Dilute HCl	FSSAI Manual for Cereal and Cereal Products (2016) 8.3 Page No. 16
9	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Foreign Matter	FSSAI Manual for Cereal and Cereal Products (2016) 1.2 Page No. 02
10	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Moisture	FSSAI Manual for Cereal and Cereal Products (2016) 8.1 Page No. 13
11	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Refractions other than Foreign matter	FSSAI Manual for Cereal and Cereal Products (2016) 1.4 Page No. 03
12	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Talc	FSSAI Manual for Cereal and Cereal Products (2016) 12.0 Page No. 35
13	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Paddy, Rice, Rice Powder	Total Ash	FSSAI Manual for Cereal and Cereal Products 8.2 Page No. 14

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Accreditation Standard	ISO/IEC 17025:2017		
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14	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil/ Ground Nut Oil/ Palm Oil/ Rice Bran Oil/ Coconut Oil	Acid value and Free Fatty Acids	IS 548 (Part 1)
15	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil/ Ground Nut Oil/ Palm Oil/ Rice Bran Oil/ Coconut Oil	Insoluble Impurities	IS 548 (Part 1)
16	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil/ Ground Nut Oil/ Palm Oil/ Rice Bran Oil/ Coconut Oil	Iodine Value	IS 548 (Part 1)
17	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil/ Ground Nut Oil/ Palm Oil/ Rice Bran Oil/ Coconut Oil	Moisture Content	IS 548 (Part 1)
18	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Sunflower Oil/ Ground Nut Oil/ Palm Oil/ Rice Bran Oil/ Coconut Oil	Saponification Value	IS 548 (Part 1)
19	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Ash Insoluble in Dilute HCl	FSSAI Manual for Cereal and Cereal Products (2016) 8.3 Page No. 16
20	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Foreign Matter	FSSAI Manual for Cereal and Cereal Products (2016) 1.2 Page No. 02
21	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Moisture	FSSAI Manual for Cereal and Cereal Products (2016) 8.1 Page No. 13
22	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Other Food Grains	IS 4333 (Part 1)
23	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Refractions other than Foreign Matter (Damaged Grains)	FSSAI Manual for Cereal and Cereal Products (2016) 1.4 Page No. 03
24	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Total Ash	FSSAI Manual for Cereal and Cereal Products (2016) 12.0 Page No. 35
25	CHEMICAL- FOOD & AGRICULTURAL PRODUCTS	Wheat, Daliya, Wheat Powder	Weevilled Grains	IS 4333 (Part 1)
26	CHEMICAL- ORES & MINERALS	Bauxite Ore	Alumina as Al2O3	IS 2000 (Part 3)
27	CHEMICAL- ORES & MINERALS	Bauxite Ore	Ferric Oxide as Fe2O3	IS 2000 (Part 4)

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28	CHEMICAL- ORES & MINERALS	Bauxite Ore	Loss on Ignition	IS 2000 (Part 1)
29	CHEMICAL- ORES & MINERALS	Bauxite Ore	Silica as SiO2	IS 2000 (Part 2)
30	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina as Al2O3	IS 1493 (Part 1)
31	CHEMICAL- ORES & MINERALS	Iron Ore	Iron as Fe	IS 1493 (Part 1)
32	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese as Mn	IS 1493
33	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS 1493 (Part 1)
34	CHEMICAL- ORES & MINERALS	Iron Ore	Silica as SiO2	IS 1493 (Part 1)
35	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina as Al2O3	IS 1760 (Part 3)
36	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium as CaO	IS 1760 (Part 3)
37	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Ferric Oxide as Fe2O3	IS 1760 (Part 3)
38	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss of Ignition	IS 1760 (Part 1)
39	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium as MgO	IS 1760 (Part 3)
40	CHEMICAL- ORES & MINERALS	Manganese Ore	Iron as Fe	IS 1473
41	CHEMICAL- ORES & MINERALS	Manganese Ore	Manganese as Mn	IS 1473
42	CHEMICAL- ORES & MINERALS	Manganese Ore	Phosphorous as P	IS 1473
43	CHEMICAL- ORES & MINERALS	Manganese Ore	Silica as SiO2	IS 1473
44	CHEMICAL- ORES & MINERALS	Manganese Ore	Sulphur as S	IS 1473
45	CHEMICAL- SOLID FUELS	Coal	Moisture	ASTM D3173/D3173M
46	CHEMICAL- SOLID FUELS	Coal	Ash	ASTM D3174
47	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM D3172

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48	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	ASTM D5865
49	CHEMICAL- SOLID FUELS	Coal	Sulphur	ISO 334
50	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM D3302/3302M
51	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	ASTM D3175
52	CHEMICAL- SOLID FUELS	Coke	Moisture	ASTM D3173/D3173M
53	CHEMICAL- SOLID FUELS	Coke	Ash	ASTM D3174
54	CHEMICAL- SOLID FUELS	Coke	Fixed Carbon	ASTM D3172
55	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value	ASTM D5865
56	CHEMICAL- SOLID FUELS	Coke	Sulphur	ISO 334
57	CHEMICAL- SOLID FUELS	Coke	Total Moisture	ASTM D3302/3302M
58	CHEMICAL- SOLID FUELS	Coke	Volatile Matter	ASTM D3175