

Laboratory Fair Lead Marine Services, 1st and 2nd Floor, Plot Number 317,  
Sector 1A, Gandhidham, Kutch, Gujarat

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-6759

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Validity 11.12.2018 to 11.01.2020

Last Amended on 12.03.2019

Sl.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
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### CHEMICAL TESTING

<b>I.</b>	<b>FOOD &amp; AGRICULTURAL PRODUCTS</b>			
<b>1.</b>	<b>Edible Oil &amp; Fats</b>	Free Fatty Acid	AOCS Ca 5a-40	0.02 % to 20 %
		Moisture & Volatile Matter	AOCS Ca 2c-25	0.01 % to 20 %
		Slip Melting Point	AOCS Cc 3-25	10°C to 90°C
		Insoluble impurities	AOCS Ca 3a-46	0.01 % to 5 %
		Iodine Value	AOCS Cd 1d-92	5.00 gm I <sub>2</sub> /100 to 200 gm I <sub>2</sub> /100
<b>2.</b>	<b>Rice</b>	Chalky	IS 4333 PART-I Method Cl.6.3	0.1 % to 20 %
		Moisture	IS 4333 PART-II	5 % to 20 %
		Broken	IS 4333 PART-I Method Cl.6.3	0.50 % to 15 %
		Damaged grain discolor	IS 4333 PART-I Method Cl.6.3	0.50 % to 15 %
		Average length	ISO 7301-E	5 mm to 9 mm
<b>II.</b>	<b>ANIMAL FOOD &amp; FEED</b>			
<b>1.</b>	<b>Soyabean Meal</b>	Protein	GAFTA 130:4.1	3 % to 50 %
		Fat	GAFTA 130:3.0	0.5 % to 3 %
		Fibre	GAFTA 130:9.0	0.30 % to 7.0 %
		Sand /silica	GAFTA 130:12.0	0.1 % to 5 %
		Ash content	GAFTA 130:11.0	0.50 % to 10 %
<b>III.</b>	<b>INDUSTRIAL &amp; FINE CHEMICAL</b>			
<b>1.</b>	<b>Common Salt</b>	Moisture Content	IS 797	0.20 % to 20 %
		Matter Insoluble in water	IS 797	0.03 % to 5 %
		Sodium Chloride (as NaCl)	IS 797	50 % to 99.90 %

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		Calcium(as Ca)	IS 797	0.05 % to 2 %
		Magnesium (as Mg)	IS 797	0.01 % to 2 %
<b>IV.</b>	<b>SOLID FUELS</b>			
<b>1.</b>	<b>Coal</b>	Moisture (ADB)	IS 1350 Part-1	0.1 % to 50 %
		Volatile Matter	IS 1350 Part-1	1 % to 60 %
		Ash	IS 1350 Part-1	0.5 % to 60 %
<b>V.</b>	<b>ORES &amp; MINERALS</b>			
<b>1.</b>	<b>Rock Phosphate</b>	Moisture	IS 11224	0.50 % to 15 %
		Total Phosphate as P <sub>2</sub> O <sub>5</sub>	IS 11224	10 % to 45 %