

Laboratory Quality Services & Solutions Pvt. Ltd. (QSS), 67-68, 68A, Bhavani Complex, 1st Floor, Office No-106, Sector No-19A, Vashi, Navi Mumbai, Maharashtra

Accreditation Standard ISO/IEC 17025: 2005

Certificate Number TC-7860

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Validity 26.09.2018 to 25.09.2020

Last Amended on --

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

I. FOOD AND AGRICULTURAL PRODUCTS				
1.	Cereals, Pulses & Cereal Products			
a.	Wheat Flour	Moisture	IS 1155	1 % to 25 %
b.	Rava	Moisture	IS 1010	1 % to 25 %
c.	Rice	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
		Damaged	(Rev.00, Issue No.01,	
		Discolored	Dated. 01/06/2017)	
		Chalky		
d.	Roasted Gram	Broken		0.1 % to 25 %
		Moisture	IS 4333(Part 2)	1 % to 25 %
		Foreign matter	QSS/VA/LAB/SOP/02	0.01 % to 20 %
e.	Wheat	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
		Damaged	(Rev.00, Issue No.01,	
		Discolored	Dated. 01/06/2017)	
		Broken		
f.	Flax Seed	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
g.	Millet	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
h.	Sorghum (jowar)	Moisture	IS 4333 (Part 2)	1 % to 25 %

Amit Kumar
Convenor

Anuja Anand
Program Manager

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		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
		Broken	(Rev.00, Issue No.01, Dated. 01/06/2017)	
i.	Maize	Moisture	ISO 6540	1 % to 25 %
		Damaged	QSS/VA/LAB/SOP/02	0.01 % to 20 %
		Immature	(Rev.00, Issue No.01, Dated. 01/06/2017)	
		Broken		
		Discolored		
		Weevilled seeds		
j.	Chick Peas	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Broken	QSS/VA/LAB/SOP/02	0.1 % to 20 %
		Damaged	(Rev.00, Issue No.01, Dated. 01/06/2017)	
		Discolored		
		Aborted		
		Split		
		Smooth		
		Stain		
		Warm Bittern		
k.	Moog	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
			(Rev.00, Issue No.01, Dated. 01/06/2017)	
l.	Sun Hemp	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
			(Rev.00, Issue No.01, Dated. 01/06/2017)	
m.	Barley	Moisture	IS 4333 (Part 2)	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/02	0.01 % to 20 %
			(Rev.00, Issue No.01, Dated. 01/06/2017)	

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2.	Herbs, Spices & Condiments			
a.	Fenugreek seeds	Moisture	IS 1797	1 % to 25 %
		Extraneous Matter	ISO 927	0.01 % to 20 %
b.	Turmeric Finger	Extraneous Matter	ISO 927	0.01 % to 20 %
		Foreign Matter		
		Broken	IS 3576	0.1 % to 25 %
		Insect		
		Moisture	IS 1797	1 % to 25 %
c.	Turmeric powder	Moisture	IS 1797	1 % to 25 %
d.	Chilly whole	Moisture	IS 1797	1 % to 25 %
		Extraneous Matter	ISO 927	0.1 % to 25 %
		Damaged	IS 2322	
		Discolored		
		Broken		
e.	Chilly powder	Moisture	IS 1797	1 % to 25 %
f.	Coriander seeds	Moisture	IS 1797	1 % to 25 %
		Extraneous Matter	ISO 927	0.01 % to 20 %
		Broken	IS 2443	0.01 % to 25 %
		Split		
		Weevilled		
g.	Coriander Powder	Moisture	IS 1797	1 % to 25 %
h.	Cumin Seeds	Moisture	IS 1797	1 % to 25 %
		Extraneous Matter	ISO 927	0.01 % to 20 %
i.	Cumin Powder	Moisture	IS 1797	1 % to 25 %
j.	Ajwain	Moisture	IS 1797	1 % to 25%
		Extraneous Matter	ISO 927	0.01 % to 20 %
k.	Black paper	Moisture	IS 1797	1 % to 25 %
		Extraneous Matter	ISO 927	0.01 % to 20 %
l.	Fennel seeds	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 25 %
m.	Raisins	Moisture	IS 1797	5 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 20 %

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		Cap stem	QSS/VA/LAB/SOP/03 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.1 % to 25 %
		Immature		
		Shriveled		
		Mouldy		
n.	Cardamom	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.1 % to 20 %
o.	Nutmeg	Moisture	IS 1797	2 % to 25 %
		Fungus	ISO 6577	0.1 % to 25 %
		Broken	ISO 6577	0.1 % to 25 %
		Wrinkled	ISO 6577	0.1 % to 25 %
p.	Nutmeg powder	Moisture	IS 1797	1 % to 25 %
q.	Tamarind	Moisture	IS 1797	5 % to 30 %
		% of seeds	IS 6364	0.01 % to 50 %
r.	Dry ginger	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 20 %
s.	Dry ginger powder	Moisture	IS 1797	1 % to 25 %
t.	Bay leaves	Moisture	IS 1797	1 % to 25 %
u.	Annatto seeds	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 20 %
v.	Curry powder	Moisture	IS 1797	1 % to 25 %
w.	Dill seeds	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 20 %
x.	clove	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 20 %
y.	Senna leaves	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 20 %
		Foreign matter	ISO 927	0.01 % to 20 %
z.	Senna Pods	Moisture	IS 1797	1 % to 25 %
		Extraneous matter	ISO 927	0.01 % to 20 %
		Foreign matter	ISO 927	0.01 % to 20 %

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3.	Oil Seeds & by Products			
a.	Natural Sesame Seeds	Admixture	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 25 %
		Dark color seeds		
		Other colorseeds		
		Rain damaged (rain effects)		
		Whitish		
		Moisture	IS 3579	1 % to 20 %
		Oil content		0.1 % to 60 %
		Free fatty acid	IS 548 (Part 1)	0.1 % to 10 %
b.	Hulled Sesame Seeds	Admixture	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 20 %
		Moisture	IS 3579	1 % to 20 %
		Oil content		0.1 % to 60 %
		Free fatty acid	IS 548 (Part 1)	0.1 % to 10 %
c.	Black Sesame Seeds	Admixture	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 25%
		Moisture	IS 3579	1 % to 20 %
		Oil content		0.1 % to 60 %
		Free fatty acid	IS 548 (Part 1)	0.1 % to 10 %
		Admixture	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 25 %
		Oil content	IS 3579	0.1 % to 60 %
		Free fatty acid	IS 548 (Part 1)	0.1 % to 10 %
d.	Mustard Seeds	Moisture	IS 3579	1 % to 20 %
		Impurity	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 25 %

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e.	Sunflower Seeds	Moisture	IS 3579	1 % to 20 %
		Impurity	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 25 %
f.	Safflower Seeds	Moisture	IS 3579	1 % to 20 %
		Impurity	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 25 %
g.	Groundnut Seeds	Moisture	IS 3579	1 % to 25 %
		Impurity	QSS/VA/LAB/SOP/01 (Rev.00, Issue No.01, Dated. 01/06/2017)	0.01 % to 20 %
		Broken		
		Damaged		
		Split		
		Immature		
		Discolored		
		Dehusk		
		Shrivelled		