

PRODUCT TEST DETAILS		
Test Code : WHEAT-FLOUR-(COMPLETE)-NABL-5806	Product Name : Wheat Flour (Complete)	Test Standard Name : NABL
Wef :	Upto :	Created At: 2017-10-10 12:09:36

PRODUCT TEST PARAMETERS						
S.No.	Test Parameter	Equipment	Method	Std Value From	Std Value To	Time Taken
1.	Description					
a.	Description	-				
2.	Chemical Parameters					
a.	Moisture (at 130°C-133°C for ...	Chemically	FSSAI Lab Manual-3	N/A	NMT 14.0	4 Days 0 Minutes
b.	Gluten(% by mass),(on dry basis)	Chemically	FSSAI Lab Manual-3	N/A	NLT 6.0	4 Days 0 Minutes
c.	Alcoholic Acidity (with 90% alcohol) ...	Chemically	FSSAI Lab Manual-3	N/A	NMT 0.18	4 Days 0 Minutes
d.	Granularity	Chemically	-	N/A	N/A	4 Days 0 Minutes
e.	Foreign matter (% by mass), Max.	Chemically	-	N/A	N/A	4 Days 0 Minutes
f.	Uric Acid (mg/kg)	Chemically	-	N/A	N/A	4 Days 0 Minutes
g.	Acid Insoluble Ash (% by mass)	Chemically	-	N/A	N/A	4 Days 0 Minutes
h.	Don (% by mass)	-	-	N/A	N/A	4 Days 0 Minutes
i.	Total ash (% by mass), (on dry basis)...	Chemically	FSSAI Lab Manual-3	N/A	NMT 2.0	4 Days 0 Minutes
j.	Ash insoluble ash in dilute HCl (on d...	Chemically	FSSAI Lab Manual-3	N/A	NMT 0.15	4 Days 0 Minutes
k.	Deoxynivalenol (mcg/kg)	HPTLC	FSSAI MANUAL -3	Max 100	N/A	4 Days
1.	Phytic acid content (% by mass)	Chemically	In house method	N/A	N/A	5 Days
3.	Microbiological Tests					
a.	Standard Plate count,cfu/gm	Microbiological	IS 5402:2012	N/A	NA	6 Days 0 Minutes
b.	Yeast & Mold count,cfu/gm	Microbiological	IS 5403-1999	N/A	NA	6 Days 0 Minutes
c.	Coliform count,cfu/gm	Microbiological	IS 5401(P-1):2012	N/A	NA	6 Days 0 Minutes
d.	E.coli/gm	Microbiological	IS 5887(P-1):1976	N/A	NA	6 Days 0 Minutes
e.	Salmonella/25gm	Microbiological	ISO:6579:2002+A1:2007	N/A	NA	6 Days 0 Minutes

PRODUCT TEST DETAILS						
Test Code : WHEAT-FLOUR-(COMPLETE)-NABL-5806		Product Name : Wheat Flour (Complete)		Test Standard Name : NABL		
Wef :		Upto :		Created At: 2017-10-10 12:09:36		

4.	Heavy Metals					
a.	Tin (as Sn) (ppm)	ICPMS	ITC/STP/F/INST/006	N/A	MAX. 250	4 Days 0 Minutes
b.	Zinc(as Zn)(ppm)	ICPMS	ITC/STP/F/INST/006	N/A	MAX. 50.0	4 Days 0 Minutes
c.	Cadmium (as Cd) (ppm)	ICPMS	ITC/STP/F/INST/006	N/A	MAX. 1.5	4 Days 0 Minutes
d.	Mercury (as Hg) (ppm)	ICPMS	ITC/STP/F/INST/006	N/A	MAX. 1.0	4 Days 0 Minutes
e.	Copper (as Cu) (ppm), Max	ICPMS	ITC/STP/F/INST/006	N/A	MAX. 30.0	4 Days 0 Minutes
f.	Lead (as Pb), (ppm)	ICPMS	STP/ICP-01	N/A	MAX. 2.5	4 Days 0 Minutes
g.	Arsenic (as As) (ppm)	ICPMS	STP/ICP-01	N/A	MAX. 1.1	4 Days 0 Minutes
h.	Methyl Mercury (calculated as element)(p...	Chemically	-	N/A	Max. 0.25	3 Days 0 Minutes
5.	Mycotoxins					
a.	Ochrotoxin A(mg/kg)	HPLC	STP/ITC/FD/MT-01	N/A	Max 15.0	5 Days 0 Minutes
6.	Other Contaminants					
a.	Aflatoxin (B1, B2 & G1, G2)(23&mi...	HPLC	STP/ITC/FD/MT-01	N/A	Max 15.0	1 Days 0 Minutes
7.	Pesticide Residue (mg/Kg)/(ppm)					
a.	Fenitrothion	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.005	5 Days 0 Minutes
b.	Gamma HCH	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.01	5 Days 0 Minutes
c.	Carbendazim	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.12	5 Days 0 Minutes
d.	Benomyl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.12	5 Days 0 Minutes
e.	Carbofuran	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.03	5 Days 0 Minutes
f.	Cypermethrin(sum of isomers)	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.01	5 Days 0 Minutes
g.	Edifenphos	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	N/A	5 Days 0 Minutes

PRODUCT TEST DETAILS						
Test Code : WHEAT-FLOUR-(COMPLETE)-NABL-5806		Product Name : Wheat Flour (Complete)		Test Standard Name : NABL		
Wef :		Upto :		Created At: 2017-10-10 12:09:36		

h.	Fenthion	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.03	5 Days 0 Minutes
i.	Fenvalerate	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	MAX. 0.01	5 Days 0 Minutes
j.	Trichlorfon	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.0125	5 Days 0 Minutes
k.	Heptachlor and its epoxide	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.002	5 Days 0 Minutes
l.	Alpha HCH	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
m.	Beta HCH	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.02	5 Days 0 Minutes
n.	Aldrin & Dieldrin	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
o.	Chlordane	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
p.	Delta HCH	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.02	5 Days 0 Minutes
q.	Chlorpyrifos	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.01	5 Days 0 Minutes
r.	Chlorenvinphos	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.006	5 Days 0 Minutes
s.	2,4-D	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.003	5 Days 0 Minutes
t.	Ethion	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.006	5 Days 0 Minutes
u.	Monocrotophos	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.006	5 Days 0 Minutes
v.	Paraquat Dichloride	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.025	5 Days 0 Minutes
w.	Phenthoate	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	MAX. 0.01	5 Days 0 Minutes
x.	Phorate	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	MAX. 0.05	5 Days 0 Minutes
y.	a) Phorate sulphone	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	MAX.0.05	5 Days 0 Minutes

PRODUCT TEST DETAILS						
Test Code : WHEAT-FLOUR-(COMPLETE)-NABL-5806 Wef :			Product Name : Wheat Flour (Complete) Upto :		Test Standard Name : NABL Created At: 2017-10-10 12:09:36	
z.	b) Phorate sulphoxide	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	MAX. 0.05	5 Days 0 Minutes
aa.	Primiphos-methyl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	MAX. 0.05	5 Days 0 Minutes
ab.	Diazinon	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
ac.	Dichlorvos	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.25	5 Days 0 Minutes
ad.	Hydrogen Cyanide	Chemically	AOAC-970.52/ITC/FD/11-39	N/A	Max. 3.0	5 Days 0 Minutes
ae.	Hydrogen Phosphide	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
af.	Inorganic Bromide	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 25	5 Days 0 Minutes
ag.	Hexachlorocyclohexane gamma isomer	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
ah.	Melathion (combined residue of malathion...	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 1.0	5 Days 0 Minutes
ai.	Phosphamidon residues	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
aj.	Pyrethrins	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
ak.	Thiometon	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max 0.006	5 Days 0 Minutes
al.	Decamethrin / Deltamethrin	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max 0.20	5 Days 0 Minutes
am.	Bitertanol	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
an.	Methyl Chloro-Phenoxy-Acetic-Acid	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
ao.	Tridemorph	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.1	5 Days 0 Minutes
ap.	Propiconazole	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
aq.	Sulfosulfuron	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.02	5 Days 0 Minutes

PRODUCT TEST DETAILS						
Test Code : WHEAT-FLOUR-(COMPLETE)-NABL-5806 Wef :			Product Name : Wheat Flour (Complete) Upto :		Test Standard Name : NABL Created At: 2017-10-10 12:09:36	
ar.	Trifluralin	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
as.	Chlorimuron-Methyl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
at.	Diclofop-methyl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.1	5 Days 0 Minutes
au.	Pendimethalin	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
av.	Metasulfuron-methyl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.1	5 Days 0 Minutes
aw.	Methabenzthiazuron	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.5	5 Days 0 Minutes
ax.	Fenoxyp-prop-p-ethyl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.02	5 Days 0 Minutes
ay.	Clodinafop-propargyl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.1	5 Days 0 Minutes
az.	Triadimefon	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.5	5 Days 0 Minutes
ba.	Isoproturon	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.1	5 Days 0 Minutes
bb.	Triallate	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
bc.	Carbaryl	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Nil	5 Days 0 Minutes
bd.	Dithiocarbamates	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
be.	Tebuconazole	GCMSMS	AOAC-970.52/ITC/FD/11-39	N/A	Max. 0.05	5 Days 0 Minutes
8.	Naturally Occuring Toxic Substances (mg/Kg)					
a.	Agaric Acid (ppm)	HPLC	In house method	N/A	MAX. 100 mg/Kg	5 Days 0 Minutes
b.	Hydrocyanic Acid (ppm)	Chemically	AOAC Method	N/A	MAX. 5.0 mg/Kg	5 Days 0 Minutes
c.	Hypericine (ppm)	HPLC	In house method	N/A	MAX. 1.0 mg/Kg	1 Days 0 Minutes

PRODUCT TEST DETAILS						
Test Code : WHEAT-FLOUR-(COMPLETE)-NABL-5806			Product Name : Wheat Flour (Complete)		Test Standard Name : NABL	
Wef :			Upto :		Created At: 2017-10-10 12:09:36	
d.	Saffrole (ppm)	HPLC	In house method	N/A	MAX. 10.0 mg/Kg	5 Days 0 Minutes