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CERTIFICATE OF ANALYSIS

Date:02/06/2024

PRODUCT: CORN STARCH (FOOD GRADE)		
Mfg. Date: 06-2024		
Exp. Date: 05-2026		
Sample No : EST/2324/092		
Test Parameter	Results	Specification
Appearance	Pass	White to creamish white powder
Moisture	10.95	Not more than 13 %
Total Ash (On DS)	0.17	Not more than 0.3 %
Acid in-soluble ash (On DS)	0.063	Not more than 0.10 %
Sulphur Dioxide	35.8	Not more than 100 ppm
Starch (on dry basis)	98.72	Not less than 98%
Protein (Nx6.25) on D.B	0.40	Not more than 0.50%
pH of 10%(aq) solution	6.34	5.00 to 7.00
Free acidity for 10gm sample as per 0.1 N NaOH	1.2	Not more than 4.0ml
Alcoholic acidity as ml of 0.1 N NaoH per 10 gm dried sample.	Pass	Not more than 2.0 ml
Brightness	90.2	Not less than 88.0
Screen Test %Passing through 100#	98.81	Not less than 98%
Viscosity of 2 % paste on Redwood Viscometer No 1at 75°C	32.29	30 to 35 sec
Total Aflatoxin	2.6	Not more than 5 ppb
Aflatoxin B ₁	2.0	Not more than 5 ppb
MICROBIOLOGICAL		
Total Viable Count	10 ³	10 ⁴ Per g, Max.
E.Coli	Absent	Absent in 25gm
Salmonella	Absent	Absent in 25 gm
S.aureus	Absent	Absent per gm, Max.
Yeasts and Moulds	128	250 per gm, Max.

Analyzed By

SR.CHEMIST QC/QA