

TEST REPORT

Doc. No : GTL/D/7.5/02

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Report Issued To:	Amit Hydrocolloids Plot No : 340-341, Savli-GIDC Estate, Manjusar-391775 Vadodara, Vadodara, Gujarat Phone No : 9099498168 Email : ahc.fdca@gmail.com	Test Report No	: GTL/04260812031/NS
		Date of Receipt	: 07/08/2026
		Date of Issue	: 12/08/2026
		Customer's Ref. No	: N.M

Sample Described as	: Sodium Carboxymethyl Cellulose (INS 466)	Mfg. Date	: Jul-2026
Sample Qty	: 100 gm	Exp. Date	: Jun-2031
Packing Mode	: Sample Packed in Plastic Bags	B.No	: CM/FG/1201/0726
Sample Condition	: Satisfactory		
Marking	: N.M		
Sample Drawn By	: Customer		
Date of Starting of Test	: 07/08/2026	Date of Completion	: 12/08/2026

Sr No	Quality Characteristics	Result	Test Method	Customer Specification
Chemical				
Industrial and Fine Chemicals				
1	Melamine, mg/kg	B.L.Q. (Q.L.=0.1)	By LC-MSMS	Max. 2.5 mg/kg
2	Lead (as Pb) mg/kg	0.088	By ICP-MS	Max. 2.0 mg/kg
3	Copper (as Cu) mg/kg	0.46	By ICP-MS	Max. 30 mg/kg
4	Arsenic (as As) mg/kg	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 3.0 mg/kg
5	Tin (as Sn) mg/kg	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 250 mg/kg
6	Cadmium (as Cd) mg/kg	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 1.5 mg/kg
7	Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.02)	By ICP-MS	Max. 1.0 mg/kg
8	Methyl Mercury (as Hg) mg/kg	B.L.Q. (Q.L.=0.1)	By ICP-MS	Max. 0.25 mg/kg
9	Appearance	Creamy White, Fine Powder	As PER FCC	Creamy White, Fine Powder
10	Purity %	99.71	As PER FCC	Min. 99.5
11	Degree of substitution	0.55	As PER FCC	0.20 to 1.00
12	Loss On drying %	6.84	As PER FCC	Max. 10
13	Sodium Chloride (On dry Basis) %	0.26	As PER FCC	Max. 0.5
14	Free glycolate, on dry basis, percent by mass	0.028	As PER FCC	Max. 0.1
15	pH (1% Solution)	6.97	As PER FCC	6.0 to 8.5
16	Combined Sodium Chloride and free Glycolate (On dry Basis)%	0.29	As PER FCC	Max. 0.5
17	Viscosity cps of (2 % Solution)	2443.6	As PER FCC	2000-3000
18	Particles retained on 150-micron IS Sieve % mass	1.12	As PER FCC	Max. 2.0
Biological				
Industrial and Fine Chemicals				
1	Salmonella/25 gm	Absent	IS:5887(P-3/Sec-1) :2020	Absent

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Sr No	Quality Characteristics	Result	Test Method	Customer Specification
2	E.coli /gm	Absent	IS:5887(P-1)-1976	Absent
3	Shigella/25 gm	Absent	IS:5887(P-7I):1999	Absent

Remark: In respect of the test performed the submitted sample to the above specification for the tested parameters.

Note : N.M.=Not Mentioned, B.L.Q.=Below Limit of Quantification,
Q.L.=Quantification Limit, Customer requested for the above test only


Mamta Bhavsar

Reviewed By



For Verification

CONFORM

FOR, GUJARAT TESTLAB PVT. LTD


Hemal Darji-Trupti Thakor

Autho. Signatory

*** END OF REPORT ***

Disclaimer Note

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