

CERTIFICATE OF ANALYSIS

Product Name	CARBOXY METHYL CELLULOSE SODIUM SALT (MEDIUM VISCOSITY 250-350 CPS)		
CAS No.	9004-32-4	Code No.	00692
Batch No.	CS10241825	Date of Analysis	11/10/2024
Mfg. Date	Oct-2024	Mol. Weight (g/mol)	NA
Expiry Date	Sep-2029	Mol. Formula	NA

Sr.	TESTS	SPECIFICATIONS	RESULTS
1	Appearance	Off white to cream colored powder	Off white powder
2	Assay (as Na; HClO ₄ titration, on anhydrous basis)	6.5 - 9.5%	7.58%
3	Identity	Passes test	Passes
4	pH (1% solution)	6.5 - 8.0	7.42
5	Viscosity (1% solution; 20°C)	250 - 350 cps	257 cps
6	Appearance of solution	Passes test	Passes
7	Insoluble matter in water	Passes test	Passes
8	Loss on drying (at 105°C)	Max 10%	5.36%
9	Residue on ignition (as SO ₄)	20 - 29.3%	22.66%
10	Chloride (Cl)	Max 0.25%	0.034%
11	Sodium glycolate	Max 0.4%	0.21%
12	Heavy metal (as Pb)	Max 0.002%	0.0005%
13	Arsenic (As)	Max 0.0003%	0.00004%
14	Iron (Fe)	Max 0.02%	0.0051%

Remark: This product complies as per the specifications of Chemnovo.

This is an electronically generated certificate and is valid without a signature.

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CSPL/QC/F/04