

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 15:44:04
 Date of Next Testing: 2029-12-23 15:44:04
 Product Name: **Carboxymethyl Cellulose Sodium(CMC)**
 CAS Number: 9004-32-4
 Specifications & Purity: Type II, M.W. 250000 (DS=1.2), 1500-3100mPa.s
 Lot #: L2517076
 SKU #: **C104978**
 Version: **1**
 Analysis #: **184805**
 Storage Temperature: Room temperature,Argon charged,Desiccated

Parameter	Limit Values	Result
Viscosity(2% Solution,25°C)	1500-3100 (cP)	2224.00000 cP
(As)Arsenic	0-3 (ppm)	3.00000 ppm
Assay	99.5-100 (%)	99.50000 %
Heavy metals	0-20 (ppm)	10.00000 ppm
Pb measure	0-10 (ppm)	10.00000 ppm
Average Molecular Weight	240000-260000	250000.00000
Loss on drying(105°C, 2 hrs)	0-10 (%)	7.30000 %
Degree of substitution	1.15-1.45	1.20000
pH(1% solution)	6.5-8	7.70000
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (C104978)	White to light beige to light grey powder or granules or solid	White to light beige to light grey powder or granules or solid



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager