

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-14 09:37:30
 Date of Next Testing: 2029-06-13 09:37:30
 Product Name: **Carboxymethyl Cellulose Sodium(CMC)**
 CAS Number: 9004-32-4
 Specifications & Purity: Type I, M.W. 700,000 (DS=0.9), 2,500 - 4,500 mPa·s
 Lot #: F2511075
 SKU #: **C104977**
 Version: **1**
 Analysis #: **121650**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Pb measure	0-10 (ppm)	5.30000 ppm
Heavy metals	0-20 (ppm)	12.40000 ppm
Loss on drying	0-10 (%)	4.67000 %
NaCl	0-0.25 (%)	0.13000 %
Cadmium(Cd)	0-1 (ppm)	0.50000 ppm
pH	6.5-8	7.20000
Sodium glycolate	0-0.4 (%)	0.21000 %
Mercury(Hg)	0-1 (ppm)	0.50000 ppm
Viscosity(1% in H ₂ O, 25°C)	2500-4500 (cP)	3011.00000 cP
(As)Arsenic	0-3 (ppm)	1.20000 ppm
Degree of substitution	0.8-0.95	0.87000
Assay	99.5-100 (%)	99.60000 %
Appearance (C104977)	white to beige powder or crystals	white to beige powder or crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager