

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-04-18 09:56:45  
Date of Next Testing: 2030-04-17 09:56:45  
Product Name: **Carboxymethyl Cellulose Sodium(CMC)**  
CAS Number: 9004-32-4  
Specifications & Purity: Type V, M.W. 90000 (DS=0.7), 50-100mPa. s  
Lot #: D2616061  
SKU #: **C104983**  
Version: **2**  
Analysis #: **695622**  
Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
pH	6.5-8	7.20000
NaCl	0-0.25 (%)	0.15000 %
Pb measure	0-10 (ppm)	5.00000 ppm
Sodium glycolate	0-0.4 (%)	0.20000 %
Mercury(Hg)	0-1 (ppm)	0.50000 ppm
Loss on drying	0-10 (%)	6.65910 %
(As)Arsenic	0-3 (ppm)	2.00000 ppm
Viscosity(1% in H <sub>2</sub> O,25°C)	50-100 (cP)	69.60000 cP
Heavy metal (as Pb)	0-20 (ppm)	10.00000 ppm
Cadmium(Cd)	0-1 (ppm)	0.50000 ppm
Degree of substitution	0.65-0.9	0.80000
Assay (dry basis)	99.5-100 (%)	99.50100 %
Appearance (C104983)	white to light yellow granular powder	white to light yellow granular powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Molecular Weight	Conforms	Conforms



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

John Su  
QA & QC Manager