

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-16 10:46:25  
Date of Next Testing: 2028-10-15 10:46:25  
Product Name: **Carboxymethyl cellulose**  
CAS Number: 9004-32-4  
Specifications & Purity: M.W. 250000(DS=0.9),1500-3100mPa.s  
Lot #: J2414639  
SKU #: **C104979**  
Version: **2**  
Analysis #: **411144**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-10 (ppm)	0.00 ppm
Viscosity(1% in H <sub>2</sub> O,25°C)	1500-3100 (cP)	2816.00 cP
Loss on drying	0-10 (%)	2.03 %
(As)Arsenic	0-3 (ppm)	0.00 ppm
PH	6.5-8	7.12
NaCl	0-0.25 (%)	0.02 %
Sodium glycolate	0-0.4 (%)	0.28 %
Degree of substitution	0.8-0.95	0.94
Assay	99.5-100 (%)	99.65 %
Appearance (C104979)	White to Off-White Powder or Solid or Chunks	White to Off-White Powder or Solid or Chunks



John Su  
QA & QC Manager