

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-03-29 17:29:23

Date of Next Testing: 2027-03-28 17:29:23

Product Name: **Carboxymethyl cellulose**

CAS Number: 9004-32-4

Specifications & Purity: M.W. 250000(DS=0.9) ,1500-3100mPa.s

Lot #: C2324515

SKU #: **C104979**

**Analysis:** **187878**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
NaCl	0-0.25 (%)	0.12 %
Pb measure	0-3 (ppm)	1.36 ppm
Cadmium(Cd)	0-1 (ppm)	0.48 ppm
Heavy metal (as Pb)	0-10 (ppm)	3.20 ppm
Viscosity(1% in H2O,25°C)	1500-3100 (cP)	1557.00 cP
Sodium glycolate	0-0.4 (%)	0.16 %
Loss on drying	0-10 (%)	2.83 %
Mercury(Hg)	0-1 (ppm)	0.26 ppm
(As)Arsenic	0-3 (ppm)	1.02 ppm
PH	6.5-8	7.52
Degree of substitution	0.8-0.95	0.82
Assay	99.5-100 (%)	99.60 %
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