

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-10 21:23:53
 Date of Next Testing: 2027-02-09 21:23:53
 Product Name: **Carboxymethyl cellulose**
 CAS Number: 9004-32-4
 Specifications & Purity: M.W. 250000(DS=1.2) ,1500-3100mPa.s
 Lot #: B2308077
 SKU #: **C104978**
Analysis: **078561**
 Storage Temperature: Argon charged,Desiccated

Parameter	Limit Values	Result
Viscosity(2% Solution,25°C)	1500-3100 (cP)	2560.00 cP
(As)Arsenic	0-3 (ppm)	2.00 ppm
Assay	99.5-100 (%)	99.70 %
Heavy metals	0-20 (ppm)	10.00 ppm
Pb measure	0-10 (ppm)	2.00 ppm
Average Molecular Weight	240000-260000	250000.00
PH(1% in Water)	6.5-8	7.50
Loss on drying(105°C, 2 hrs)	0-10 (%)	7.30 %
Degree of substitution	1.15-1.45	1.20
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (C104978)	White to light grey powder or granules or solid	White to light grey powder or granules or solid



John Su
 QA & QC Manager