

Certificate of Analysis

Date of Testing: 2024-08-19 09:38:55
Date of Next Testing: 2028-08-18 09:38:55
Product Name: **Carboxymethyl cellulose**
CAS Number: 9004-32-4
Specifications & Purity: M.W. 250000(DS=0.9),1500-3100mPa.s
Lot #: H2408059
SKU #: **C104979**
Version: **2**
Analysis #: **054988**
Storage Temperature: Argon charged

Parameter	Limit Values	Result
NaCl	0-0.25 (%)	0.12 %
Pb measure	0-3 (ppm)	0.36 ppm
Cadmium(Cd)	0-1 (ppm)	0.44 ppm
Heavy metal (as Pb)	0-10 (ppm)	6.30 ppm
Viscosity(1% in H ₂ O,25°C)	1500-3100 (cP)	2569.00 cP
Sodium glycolate	0-0.4 (%)	0.21 %
Loss on drying	0-10 (%)	5.77 %
Mercury(Hg)	0-1 (ppm)	0.36 ppm
(As)Arsenic	0-3 (ppm)	1.30 ppm
PH	6.5-8	7.63
Degree of substitution	0.8-0.95	0.87
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



ALADDIN SCIENTIFIC CORPORATION

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

John Su
QA & QC Manager