

ALADDIN SCIENTIFIC CORPORATION
14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-24 18:38:26
Date of Next Testing: 2029-12-23 18:38:26
Product Name: **Carboxymethyl Cellulose Sodium(CMC)**
CAS Number: 9004-32-4
Specifications & Purity: Type I, M.W. 700,000 (DS=0.9), 2,500 - 4,500 mPa·s
Lot #: L2523273
SKU #: **C104977**
Version: **1**
Analysis #: **626336**
Storage Temperature: Room temperature,Argon charged

| Parameter | Limit Values | Result |
|---------------------------|-----------------------------------|-----------------------------------|
| Loss on drying | 0-10 (%) | 2.04339 % |
| pH | 6.5-8 | 6.94000 |
| Viscosity(1% in H2O,25°C) | 2500-4500 (cP) | 3050.00000 cP |
| Assay | 99.5-100 (%) | 99.60000 % |
| Degree of substitution | 0.8-0.95 | 0.91000 |
| Appearance (C104977) | white to beige powder or crystals | white to beige powder or crystals |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager