

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-26 15:11:15

Date of Next Testing: 2028-09-25 15:11:15

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 #: I2419285

SKU #: **C104977**

Version: **1**

Analysis #: **404906**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Loss on drying	0-10 (%)	0.00000 %
pH	6.5-8	6.86000
Viscosity(1% in H ₂ O, 25°C)	2500-4500 (cP)	3060.00000 cP
Assay	99.5-100 (%)	99.60000 %
Degree of substitution	0.8-0.95	0.94000
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