

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-11 09:38:26

Date of Next Testing: 2029-10-10 09:38:26

Product Name: **Carboxymethyl cellulose**

CAS Number: 9004-32-4

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

Lot #: L2116306

SKU #: **C104979**

Version: **2**

Analysis #: **579256**

Storage Temperature: Argon charged

| Parameter                               | Limit Values                                 | Result                                       |
|-----------------------------------------|----------------------------------------------|----------------------------------------------|
| NaCl                                    | 0-0.25 (%)                                   | 0.11 %                                       |
| Heavy metal (as Pb)                     | 0-10 (ppm)                                   | 6.13 ppm                                     |
| Viscosity(1% in H <sub>2</sub> O, 25°C) | 1500-3100 (cP)                               | 2568.00 cP                                   |
| Sodium glycolate                        | 0-0.4 (%)                                    | 0.20 %                                       |
| Loss on drying                          | 0-10 (%)                                     | 5.77 %                                       |
| (As)Arsenic                             | 0-3 (ppm)                                    | 1.23 ppm                                     |
| pH                                      | 6.5-8                                        | 7.60                                         |
| Degree of substitution                  | 0.8-0.95                                     | 0.87                                         |
| Assay                                   | 99.5-100 (%)                                 | 99.56 %                                      |
| 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