

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-12 15:01:30  
 Date of Next Testing: 2029-08-11 15:01:30  
 Product Name: **Carboxymethyl Cellulose Sodium(CMC)**  
 CAS Number: 9004-32-4  
 Specifications & Purity: viscosity : 300-800mpa.s,USP grade  
 Lot #: H2505162  
 SKU #: **C104984**  
 Version: **3**  
 Analysis #: **533311**  
 Storage Temperature: Room temperature

| Parameter                   | Limit Values                                     | Result                                           |
|-----------------------------|--------------------------------------------------|--------------------------------------------------|
| Viscosity(2% Solution,25°C) | 300-800 (mPa·S)                                  | 433.50000 mPa·S                                  |
| (As)Arsenic                 | 0-0.003 (%)                                      | 0.00000 %                                        |
| Loss on drying              | 0-10 (%)                                         | 4.67000 %                                        |
| Chloride (Cl-)              | 0-1.8 (%)                                        | 0.03200 %                                        |
| PH(1% in Water,25°C)        | 6.5-8.5                                          | 8.01000                                          |
| Heavy metals(as Pb)         | 0-0.002 (%)                                      | 0.00040 %                                        |
| Assay Na(dried basis)       | 6.5-9.5 (%)                                      | 6.50100 %                                        |
| Appearance (C104984)        | White to grey to Light yellow powder or crystals | white to grey to light yellow powder or crystals |
| Infrared spectrum           | Conforms to Structure                            | Conforms to Structure                            |



John Su  
QA & QC Manager