

## Certificate of Analysis

Date of Testing: 2022-09-17 16:07:08  
Date of Next Testing: 2026-09-16 16:07:08  
Product Name: **Carboxymethyl Cellulose Sodium**  
CAS Number: 9004-32-4  
Specifications & Purity: viscosity : 300-800mpa.s,USP grade  
Lot #: I2208328  
SKU #: **C104984**  
Analysis: **121648**

| Parameter                   | Limit Values                     | Result                           |
|-----------------------------|----------------------------------|----------------------------------|
| Assay Na                    | 6.5-9.5 (%)                      | 7.90 %                           |
| Viscosity(2% Solution,25°C) | 300-800 (mPa·S)                  | 466.00 mPa·S                     |
| (As)Arsenic                 | 0-0.003 (%)                      | 0.00 %                           |
| Loss on drying              | 0-10 (%)                         | 5.60 %                           |
| Chloride (Cl-)              | 0-1.8 (%)                        | 0.78 %                           |
| Iron(Fe)                    | 0-0.03 (ppm)                     | 0.02 ppm                         |
| PH(1% in Water,25°C)        | 6.5-8.5                          | 7.83                             |
| Heavy metals(as Pb)         | 0-0.002 (%)                      | 0.00 %                           |
| Appearance (C104984)        | white to grey powder or crystals | white to grey powder or crystals |
| Infrared spectrum           | Conforms to Structure            | Conforms to Structure            |



John Su  
QA & QC Manager