

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-08-08 18:27:24

Date of Next Testing: 2030-08-07 18:27:24

Product Name: **Hydroxypropylmethylcellulose(HPMC)**

CAS Number: 9004-65-3

Specifications & Purity: Substitution type 2208, viscosity: 4000mPa. s, methoxy group: 19-24%;  
Hydroxypropyl group: 4.0-12%

Lot #: H2607645

SKU #: **H108824**

Version: **1**

**Analysis #:** **755031**

Storage Temperature: Room temperature,Argon charged

| Parameter                              | Limit Values              | Result                    |
|----------------------------------------|---------------------------|---------------------------|
| Methoxy                                | 19-30 (%)                 | 22.00000 %                |
| Viscosity(2% in H <sub>2</sub> O,20°C) | 3500-4500 (mPa·S)         | 4305.00000 mPa·S          |
| Insoluble matter in H <sub>2</sub> O   | 0-0.5 (%)                 | 0.33000 %                 |
| Hydroxylpropoxyl                       | 4-12 (%)                  | 9.70000 %                 |
| Ignition Residue                       | 0-1.5 (%)                 | 0.61000 %                 |
| Heavy metal (as Pb)                    | 0-20 (ppm)                | 5.00000 ppm               |
| Loss on drying                         | 0-5 (%)                   | 3.80000 %                 |
| PH value                               | 4-8                       | 6.63000                   |
| (Pb)Lead                               | 0-10 (ppm)                | 5.00000 ppm               |
| Appearance (H108824)                   | White or off-white powder | White or off-white powder |
| Infrared spectrum                      | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager