

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-27 10:00:36

Date of Next Testing: 2030-06-26 10:00:36

Product Name: **Hydroxypropylmethylcellulose**

CAS Number: 9004-65-3

Specifications & Purity: Type I, viscosity: 400mPa. s

Lot #: F2615254

SKU #: **H108819**

Version: **0**

Analysis #: **706715**

Storage Temperature: Room temperature

| Parameter                 | Limit Values              | Result                    |
|---------------------------|---------------------------|---------------------------|
| Loss on drying            | 0-5 (%)                   | 1.00000 %                 |
| Heavy metal (as Pb)       | 0-20 (ppm)                | 0.52600 ppm               |
| Hydroxylpropoxyl          | 7-12 (%)                  | 8.20000 %                 |
| Methoxy                   | 28-30 (%)                 | 28.50000 %                |
| PH value                  | 4-8                       | 6.38000                   |
| Insoluble matter in H2O   | 0-0.5 (%)                 | 0.16000 %                 |
| Ignition Residue          | 0-1 (%)                   | 0.62000 %                 |
| gel point                 | 58-64 (°C)                | 58.60000 °C               |
| Viscosity(2% in H2O,20°C) | 350-450 (mPa·S)           | 400.00000 mPa·S           |
| (Pb)Lead                  | 0-10 (ppm)                | 9.90000 ppm               |
| Appearance (H108819)      | White to Off-White Powder | White to Off-White Powder |
| Infrared spectrum         | Conforms to Structure     | Conforms to Structure     |



John Su  
QA & QC Manager