

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-23 19:41:31
Date of Next Testing: 2029-09-22 19:41:31
Product Name: **Hydroxypropylmethylcellulose(HPMC)**
CAS Number: 9004-65-3
Specifications & Purity: type II , viscosity : 4000mPa.s
Lot #: I2518033
SKU #: **H108824**
Version: **1**
Analysis #: **498903**
Storage Temperature: Room temperature,Argon charged

| Parameter | Limit Values | Result |
|---------------------------|---------------------------|---------------------------|
| Methoxy | 19-30 (%) | 22.60 % |
| Insoluble matter in H2O | 0-0.5 (%) | 0.33 % |
| PH value | 4-8 | 6.13 |
| Hydroxylpropoxyl | 4-12 (%) | 10.00 % |
| Ignition Residue | 0-1.5 (%) | 0.51 % |
| Heavy metal (as Pb) | 0-20 (ppm) | 10.00 ppm |
| Loss on drying | 0-5 (%) | 2.70 % |
| Viscosity(2% in H2O,20°C) | 3500-4500 (mPa·S) | 4358.00 mPa·S |
| (Pb)Lead | 0-10 (ppm) | 8.00 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