

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-01-23 13:31:59

Date of Next Testing: 2030-01-22 13:31:59

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 #: A2621467

SKU #: **H108824**

Version: **1**

Analysis #: **640873**

Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Methoxy	19-30 (%)	21.80 %
Insoluble matter in H2O	0-0.5 (%)	0.32 %
PH value	4-8	6.12
Hydroxylpropoxyl	4-12 (%)	9.60 %
Ignition Residue	0-1.5 (%)	0.52 %
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
Loss on drying	0-5 (%)	3.00 %
Viscosity(2% in H2O,20°C)	3500-4500 (mPa·S)	4410.00 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