

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-20 14:35:16

Date of Next Testing: 2029-11-19 14:35:16

Product Name: **Hydroxypropylmethylcellulose**

CAS Number: 9004-65-3

Specifications & Purity: Substitution type 2208, viscosity: 15000mPa. s, methoxy group: 19-24%;
Hydroxypropyl group: 4.0-12%

Lot #: K2519014

SKU #: **H108825**

Version: **0**

Analysis #: **604662**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	3.30 %
Heavy metal (as Pb)	0-20 (ppm)	5.00 ppm
Ignition Residue	0-1 (%)	0.52 %
Hydroxylpropoxyl	4-12 (%)	9.90 %
Insoluble matter in H2O	0-0.5 (%)	0.34 %
Methoxy	19-24 (%)	22.80 %
Viscosity(2% in H2O,20°C)	11250-21000 (mPa·S)	16065.00 mPa·S
(Pb)Lead	0-10 (ppm)	6.00 ppm
gel point	70-90 (°C)	82.50 °C
PH(1% in Water,25°C)	4-8	5.89
Appearance (H108825)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager