

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-17 11:11:22
 Date of Next Testing: 2029-11-16 11:11:22
 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 #: K2514612
 SKU #: **H108825**
 Version: **0**
 Analysis #: **604662**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	3.30000 %
Heavy metal (as Pb)	0-20 (ppm)	5.00000 ppm
Ignition Residue	0-1 (%)	0.52000 %
Hydroxylpropoxyl	4-12 (%)	9.90000 %
Insoluble matter in H2O	0-0.5 (%)	0.34000 %
Methoxy	19-24 (%)	22.80000 %
Viscosity(2% in H2O,20°C)	11250-21000 (mPa·S)	16065.00000 mPa·S
(Pb)Lead	0-10 (ppm)	6.00000 ppm
gel point	70-90 (°C)	82.50000 °C
PH(1% in Water,25°C)	4-8	5.89000
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