

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-17 18:13:50

Date of Next Testing: 2029-12-16 18:13:50

Product Name: **Hydroxypropylmethylcellulose**

CAS Number: 9004-65-3

Specifications & Purity: Substitution type 2208, viscosity: 100000mPa. s, methoxy group: 19-24%;
Hydroxypropyl group: 4.0-12%

Lot #: L2511094

SKU #: **H108826**

Version: **1**

Analysis #: **521521**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.5 (%)	0.36 %
Heavy metal (as Pb)	0-10 (ppm)	10.00 ppm
Viscosity(2% in H2O,20°C)	75000-140000 (mPa·S)	114533.00 mPa·S
Methoxy	19-24 (%)	22.80 %
Hydroxylpropoxyl	4-12 (%)	9.80 %
Ignition Residue	0-1.5 (%)	0.61 %
Loss on drying	0-5 (%)	3.20 %
Arsenic(As)	0-0.0002 (%)	0.00020 %
PH(1% in Water,25°C)	4-8	6.96
Appearance (H108826)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager