

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-30 09:54:33

Date of Next Testing: 2028-12-29 09:54:33

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 #: L2423208

SKU #: **H108826**

Version: **1**

Analysis #: **445693**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.5 (%)	0.38000 %
Heavy metal (as Pb)	0-10 (ppm)	2.10000 ppm
Viscosity(2% in H2O,20°C)	75000-140000 (mPa·S)	119876.00000 mPa·S
Methoxy	19-24 (%)	22.30000 %
Hydroxylpropoxyl	4-12 (%)	9.40000 %
Ignition Residue	0-1.5 (%)	0.53000 %
Loss on drying	0-5 (%)	3.30000 %
Arsenic(As)	0-0.0002 (%)	0.00020 %
PH(1% in Water,25°C)	4-8	6.96000
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