

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-13 16:29:45

Date of Next Testing: 2028-09-12 16:29:45

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 #: I2405066

SKU #: **H108826**

Version: **1**

Analysis #: **118677**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.5 (%)	0.39000 %
PH(1% in Water,25°C)	4-8	5.92000
Heavy metal (as Pb)	0-20 (ppm)	10.00000 ppm
gel point	70-90 (°C)	75.00000 °C
Viscosity(2% in H2O,20°C)	75000-140000 (mPa·S)	115398.00000 mPa·S
Methoxy	19-24 (%)	21.80000 %
Hydroxylpropoxyl	4-12 (%)	10.30000 %
Ignition Residue	0-1 (%)	0.52000 %
Loss on drying	0-5 (%)	3.10000 %
(Pb)Lead	0-10 (ppm)	6.00000 ppm
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