

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-09-20 14:42:57
 Date of Next Testing: 2029-09-19 14:42:57
 Product Name: **Hydroxypropylmethylcellulose**
 CAS Number: 9004-65-3
 Specifications & Purity: Type I, viscosity: 400mPa. s
 Lot #: I2518031
 SKU #: **H108819**
 Version: **0**
 Analysis #: **152317**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	2.50000 %
gel point	58-64 (°C)	61.20000 °C
Heavy metal (as Pb)	0-20 (ppm)	10.00000 ppm
Hydroxylpropoxyl	7-12 (%)	8.00000 %
Viscosity(2% in H ₂ O,20°C)	350-450 (mPa·S)	420.00000 mPa·S
Methoxy	28-30 (%)	28.50000 %
(Pb)Lead	0-10 (ppm)	2.00000 ppm
PH value	4-8	6.50000
Insoluble matter in H ₂ O	0-0.5 (%)	0.19000 %
Ignition Residue	0-1 (%)	0.70000 %
Appearance (H108819)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager