

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-05-25 16:01:33
Date of Next Testing: 2028-05-24 16:01:33
Product Name: **Hydroxypropylmethylcellulose**
CAS Number: 9004-65-3
Specifications & Purity: type II , viscosity : 100mPa.s
Lot #: E2420556
SKU #: **H108822**
Version: **0**
Analysis #: **326130**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Methoxy	19-24 (%)	21.00 %
Hydroxylpropoxyl	4-12 (%)	8.00 %
Viscosity(2% in H ₂ O,20°C)	80-120 (mPa·S)	100.00 mPa·S
gel point	70-90 (°C)	72.00 °C
(Pb)Lead	0-10 (ppm)	8.00 ppm
Loss on drying	0-5 (%)	4.30 %
PH value	4-8	6.90
Insoluble matter in H ₂ O	0-0.5 (%)	0.33 %
Ignition Residue	0-1 (%)	0.86 %
Heavy metal (as Pb)	0-20 (ppm)	17.00 ppm
Appearance (H108822)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager