

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-25 17:02:54
Date of Next Testing: 2028-04-24 17:02:54
Product Name: **Hydroxypropylmethylcellulose**
CAS Number: 9004-65-3
Specifications & Purity: type II , viscosity : 100000mPa.s
Lot #: D2416301
SKU #: **H108826**
Analysis: **330760**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(1% in Water,25°C)	4-8	5.80
gel point	70-90 (°C)	86.20 °C
Methoxy	19-24 (%)	21.19%
Hydroxylpropoxyl	4-12 (%)	5.90 %
Insoluble matter in H2O	0-0.5 (%)	0.48 %
Heavy metal (as Pb)	0-20 (ppm)	19.00 ppm
Viscosity(2% in H2O,20°C)	75000-140000 (mPa·S)	100000.00 mPa·S
Ignition Residue	0-1 (%)	0.93 %
Loss on drying	0-5 (%)	4.41 %
(Pb)Lead	0-10 (ppm)	7.30 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