

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-06-28 10:00:49  
Date of Next Testing: 2028-06-27 10:00:49  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: type II , viscosity : 100000mPa.s  
Lot #: F2426235  
SKU #: **H108826**  
Version: **0**  
Analysis #: **118677**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H <sub>2</sub> O	0-0.5 (%)	0.39 %
PH(1% in Water,25°C)	4-8	5.92
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
gel point	70-90 (°C)	75.00 °C
Viscosity(2% in H <sub>2</sub> O,20°C)	75000-140000 (mPa-S)	115398.00 mPa-S
Methoxy	19-24 (%)	21.80 %
Hydroxylpropoxyl	4-12 (%)	10.30 %
Ignition Residue	0-1 (%)	0.52 %
Loss on drying	0-5 (%)	3.10 %
(Pb)Lead	0-10 (ppm)	6.00 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