

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-21 10:12:53  
Date of Next Testing: 2027-02-20 10:12:53  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: type II , viscosity : 100mPa.s  
Lot #: B2314085  
SKU #: **H108822**  
**Analysis: 069096**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
gel point	70-90 (°C)	80.03 °C
(Pb)Lead	0-10 (ppm)	5.12 ppm
Loss on drying	0-5 (%)	2.26 %
Methoxy	19-24 (%)	20.10 %
PH value	4-8	6.01
Insoluble matter in H2O	0-0.5 (%)	0.30 %
Ignition Residue	0-1 (%)	0.06 %
Hydroxylpropoxyl	4-12 (%)	8.20 %
Heavy metal (as Pb)	0-20 (ppm)	10.06 ppm
Viscosity(2% in H2O,20°C)	80-120 (mPa·S)	91.80 mPa·S
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