

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-09-06 11:00:49  
Date of Next Testing: 2027-09-05 11:00:49  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: type II , viscosity : 15000mPa.s  
Lot #: H2330620  
SKU #: **H108825**  
**Analysis: 260837**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(1% in Water,25°C)	4-8	5.60
(Pb)Lead	0-10 (ppm)	0.01 ppm
Loss on drying	0-5 (%)	2.33 %
gel point	70-90 (°C)	75.60 °C
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Ignition Residue	0-1 (%)	0.36 %
Hydroxylpropoxyl	4-12 (%)	6.58 %
Insoluble matter in H2O	0-0.5 (%)	0.24 %
Methoxy	19-24 (%)	20.40 %
Viscosity(2% in H2O,20°C)	11250-21000 (mPa·S)	15120.00 mPa·S
Appearance (H108825)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager