

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-15 09:42:13
 Date of Next Testing: 2029-05-14 09:42:13
 Product Name: **Hydroxypropylmethylcellulose(HPMC)**
 CAS Number: 9004-65-3
 Specifications & Purity: type II , viscosity : 4000mPa.s
 Lot #: E2512508
 SKU # **H108824**
 Version **1**
 Analysis #: **498903**
 Storage Temperature: Room temperature,Argon charged

Parameter	Limit Values	Result
Methoxy	19-30 (%)	22.60 %
Insoluble matter in H2O	0-0.5 (%)	0.33 %
PH value	4-8	6.13
Hydroxylpropoxyl	4-12 (%)	10.00 %
Ignition Residue	0-1.5 (%)	0.51 %
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
Loss on drying	0-5 (%)	2.70 %
Viscosity(2% in H2O,20°C)	3500-4500 (mPa·S)	4358.00 mPa·S
(Pb)Lead	0-10 (ppm)	8.00 ppm
Appearance (H108824)	White or off-white powder	White or off-white powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager