

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-01-13 09:28:39
Date of Next Testing: 2027-01-12 09:28:39
Product Name: **Hydroxypropylmethylcellulose**
CAS Number: 9004-65-3
Specifications & Purity: type II , viscosity : 100000mPa.s
Lot #: A2310328
SKU #: **H108826**
Version: **0**
Analysis #: **152321**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.5 (%)	0.39 %
PH(1% in Water,25°C)	4-8	6.36
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
gel point	70-90 (°C)	76.60 °C
Viscosity(2% in H2O,20°C)	75000-140000 (mPa-S)	125385.00 mPa-S
Methoxy	19-24 (%)	22.20 %
Hydroxylpropoxyl	4-12 (%)	9.90 %
Ignition Residue	0-1 (%)	0.51 %
Loss on drying	0-5 (%)	3.80 %
(Pb)Lead	0-10 (ppm)	2.00 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