

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-04-27 16:56:29
Date of Next Testing: 2028-04-26 16:56:29
Product Name: **Hydroxypropylmethylcellulose**
CAS Number: 9004-65-3
Specifications & Purity: type II , viscosity : 15000mPa.s
Lot #: D2417308
SKU #: **H108825**
Analysis: **329552**
Storage Temperature: Room temperature

Parameter	Limit Values	Result
PH(1% in Water,25°C)	4-8	5.80
Viscosity(2% in H2O,20°C)	11250-21000 (mPa-S)	14501.00 mPa-S
Heavy metal (as Pb)	0-20 (ppm)	14.00 ppm
Hydroxylpropoxyl	4-12 (%)	6.50 %
Methoxy	19-24 (%)	21.00 %
(Pb)Lead	0-10 (ppm)	9.00 ppm
Loss on drying	0-5 (%)	4.13 %
gel point	70-90 (°C)	78.10 °C
Ignition Residue	0-1 (%)	0.82 %
Insoluble matter in H2O	0-0.5 (%)	0.26 %
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