

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-03 19:04:28
 Date of Next Testing: 2030-08-02 19:04:28
 Product Name: **Hydroxypropylmethylcellulose**
 CAS Number: 9004-65-3
 Specifications & Purity: Substitution type 2910, viscosity: 400mPa. s, methoxy group: 28-30%;
 Hydroxypropyl group: 7.0-12%
 Lot #: G2631376
 SKU #: **H1506257**
 Version: **1**
 Analysis #: **744575**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Hydroxylpropoxyl	7-12 (%)	8.20000 %
Methoxy	28-30 (%)	28.50000 %
pH(2% in H ₂ O)	5.0-8.0	6.38000
Insoluble matter in water	0-5 (%)	0.16000 %
Ignition Residue	0-1.5 (%)	0.62000 %
Loss on drying	0-5 (%)	1.00000 %
Heavy metals	0-10 (ppm)	0.25200 ppm
Arsenic(As)	0-2 (ppm)	2.00000 ppm
Viscosity(at 20°C, 2% in H ₂ O)	300-560 (mPa·S)	410.00000 mPa·S
Appearance(H1506257)	White to off-white powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager