

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-10-29 16:03:54  
Date of Next Testing: 2026-10-28 16:03:54  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: USP2910 , 2%viscosity : 3mPa.s,methoxyl : 28-30% ; hydroxyl : 7.0-12%  
Lot #: J2227349  
SKU #: **H108827**  
**Analysis: 141016**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Methoxy	28-30 (%)	28.50 %
Viscosity(2% in water)	1-5 (mPa·S)	3.40 mPa·S
Hydroxylpropoxyl	7-12 (%)	7.80 %
Loss on drying	≤5.0 (%)	1.00 %
Residue on ignition(Ash)	≤ 1.5 (%)	0.91000 %
pH(0.01g/ml,H <sub>2</sub> O)	5.0-8.0	6.33000
(As)Arsenic	0-2 (ppm)	2.00 ppm
Heavy metals	0-10 (ppm)	6.23 ppm
Appearance (H108827)	White to Off-White Powder	White to Off-White Powder



John Su  
QA & QC Manager