

Shanghai yuanye Bio-Technology Co., Ltd

465 Changta Road, SongJiang District, Shanghai 201604, China

Certificate of Analysis

Date of Testing: 2024-11-13 16:12:17

Date of Next Testing: 2028-11-12 16:12:17

Product Name: (Hydroxypropyl)methyl cellulose

CAS Number: 9004-65-3

Specifications & Purity: Type I, Viscosity:400mPa.s

Lot #: K2406098

SKU #: S59673

Version: 0

Analysis #: 436372

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Loss on drying	0-5 (%)	2.50 %
gel point	58-64 (°C)	61.20 °C
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
Hydroxylpropoxyl	7-12 (%)	8.00 %
Viscosity(2% in H ₂ O,20°C)	350-450 (mPa·S)	420.00 mPa·S
Methoxy	28-30 (%)	28.50 %
(Pb)Lead	0-10 (ppm)	2.00 ppm
PH value	4-8	6.50
Insoluble matter in H ₂ O	0-0.5 (%)	0.19 %
Ignition Residue	0-1 (%)	0.70 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance(S59673)	White to Off-White Powder	White to Off-White Powder

Quality Assurance : Xiaoyong Tan

Quality Control : Yunfei Zou

