

## Certificate of Analysis

Date of Testing: 2024-01-25 11:12:10  
Date of Next Testing: 2028-01-24 11:12:10  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: type I , viscosity : 400mPa.s  
Lot #: A2423049  
SKU #: **H108819**  
**Analysis:** **152317**  
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 <sub>2</sub> 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 <sub>2</sub> O	0-0.5 (%)	0.19 %
Ignition Residue	0-1 (%)	0.70 %
Appearance (H108819)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager