

Certificate of Analysis

Date of Testing: 2024-04-19 08:59:22
Date of Next Testing: 2028-04-18 08:59:22
Product Name: **Hydroxypropylmethylcellulose**
CAS Number: 9004-65-3
Specifications & Purity: type I , viscosity : 400mPa.s
Lot #: D2418005
SKU #: **H108819**
Analysis: 330815
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Hydroxylpropoxyl	7-12 (%)	8.21 %
Methoxy	28-30 (%)	29.14 %
Loss on drying	0-5 (%)	3.75 %
gel point	58-64 (°C)	63.00 °C
Heavy metal (as Pb)	0-20 (ppm)	19.00 ppm
Viscosity(2% in H ₂ O,20°C)	350-450 (mPa-S)	400.00 mPa-S
(Pb)Lead	0-10 (ppm)	9.00 ppm
PH value	4-8	4.84
Insoluble matter in H ₂ O	0-0.5 (%)	0.39 %
Ignition Residue	0-1 (%)	0.86 %
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