

Certificate of Analysis

Date of Testing: 2022-10-19 15:17:46
Date of Next Testing: 2026-10-18 15:17:46
Product Name: **Hydroxypropylmethylcellulose**
CAS Number: 9004-65-3
Specifications & Purity: type II , viscosity : 100mPa.s
Lot #: A1523025
SKU #: **H108822**
Analysis: 145917
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Viscosity(2% in H ₂ O,20°C)	80-120 (mPa·S)	80.26 mPa·S
gel point	70-90 (°C)	77.63 °C
(Pb)Lead	0-10 (ppm)	5.58 ppm
Loss on drying	0-5 (%)	2.58 %
Methoxy	19-24 (%)	19.36 %
PH value	4-8	5.36
Insoluble matter in H ₂ O	0-0.5 (%)	0.35 %
Ignition Residue	0-1 (%)	0.43 %
Hydroxylpropoxyl	4-12 (%)	6.82 %
Heavy metal (as Pb)	0-20 (ppm)	5.55 ppm
Appearance (H108822)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager