

## Certificate of Analysis

Date of Testing: 2022-06-13 16:09:16  
Date of Next Testing: 2026-06-12 16:09:16  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: type II , viscosity : 4000mPa.s  
Lot #: F2210593  
SKU #: **H108824**  
Version: **0**  
Analysis #: **083727**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Methoxy	19-30 (%)	22.30 %
Viscosity(2% in H <sub>2</sub> O,20°C)	3500-4500 (mPa·S)	4358.00 mPa·S
Insoluble matter in H <sub>2</sub> O	0-0.5 (%)	0.33 %
PH value	4-8	6.03
Hydroxylpropoxyl	4-12 (%)	10.40 %
Ignition Residue	0-1 (%)	0.51 %
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
gel point	70-90 (°C)	80.00 °C
Loss on drying	0-5 (%)	3.10 %
(Pb)Lead	0-10 (ppm)	10.00 ppm
Appearance (H108824)	White or off-white powder	White or off-white powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager