

## Certificate of Analysis

Date of Testing: 2023-04-25 17:19:39  
Date of Next Testing: 2027-04-24 17:19:39  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: type II , viscosity : 4000mPa.s  
Lot #: D23211405  
SKU #: **H108824**  
**Analysis: 194157**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Methoxy	19-30 (%)	23.40 %
Viscosity(2% in H <sub>2</sub> O,20°C)	3500-4500 (mPa·S)	4330.00 mPa·S
Insoluble matter in H <sub>2</sub> O	0-0.5 (%)	0.10 %
PH value	4-8	6.50
Hydroxylpropoxyl	4-12 (%)	10.40 %
Ignition Residue	0-1 (%)	0.20 %
Heavy metal (as Pb)	0-20 (ppm)	0.10 ppm
gel point	70-90 (°C)	75.00 °C
Loss on drying	0-5 (%)	2.50 %
(Pb)Lead	0-10 (ppm)	0.00 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