

## Certificate of Analysis

Date of Testing: 2022-01-09 15:44:36  
Date of Next Testing: 2026-01-08 15:44:36  
Product Name: **Hydroxypropylmethylcellulose**  
CAS Number: 9004-65-3  
Specifications & Purity: type II , viscosity : 100000mPa.s  
Lot #: A2206841  
SKU #: **H108826**  
**Analysis:** **057469**  
Storage Temperature: Room temperature

Parameter	Limit Values	Result
Insoluble matter in H2O	0-0.5 (%)	0.39 %
PH(1% in Water,25°C)	4-8	6.00
Heavy metal (as Pb)	0-20 (ppm)	10.00 ppm
gel point	70-90 (°C)	80.00 °C
Viscosity(2% in H2O,20°C)	75000-140000 (mPa·S)	120940.00 mPa·S
Methoxy	19-24 (%)	20.60 %
Hydroxylpropoxyl	4-12 (%)	8.70 %
Ignition Residue	0-1 (%)	0.51 %
Loss on drying	0-5 (%)	3.30 %
(Pb)Lead	0-10 (ppm)	6.00 ppm
Appearance (H108826)	White to Off-White Powder	White to Off-White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager