

## Certificate of Analysis

Date of Testing: 2023-04-11 23:58:06  
Date of Next Testing: 2027-04-10 23:58:06  
Product Name: **Hydroxypropyl cellulose(HPC)**  
CAS Number: 9004-64-2  
Specifications & Purity: M.W. 100,000  
Lot #: D23031112  
SKU #: **H113415**  
**Analysis: 200912**

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	0.12 ppm
Pb measure	0-10 (ppm)	0.00 ppm
PH	5-8.5	6.25
Loss on drying	0-5 (%)	1.30 %
Sulfate Ash	0-0.5 (%)	0.24 %
Heavy metal (as Pb)	0-20 (ppm)	0.00 ppm
Viscosity(C=5%,H2O at 25°C)	75-150 (cP)	90.30 cP
Appearance (H113415)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Molecular Weight	Conforms	Conforms



John Su  
QA & QC Manager