

## Certificate of Analysis

Date of Testing: 2024-06-11 16:37:24  
Date of Next Testing: 2028-06-10 16:37:24  
Product Name: **Hydroxypropyl cellulose(HPC)**  
CAS Number: 9004-64-2  
Specifications & Purity: M.W. 100,000  
Lot #: E2431238  
SKU #: **H113415**  
Version: **0**  
Analysis #: **359920**

Parameter	Limit Values	Result
(As)Arsenic	0-3 (ppm)	0.32 ppm
Pb measure	0-10 (ppm)	1.12 ppm
PH	5-8.5	7.24
Loss on drying	0-5 (%)	0.36 %
Sulfate Ash	0-0.5 (%)	0.22 %
Heavy metal (as Pb)	0-20 (ppm)	1.05 ppm
Viscosity(C=5%,H2O at 25°C)	75-150 (cP)	100.80 cP
Appearance (H113415)	white powder	White powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Molecular Weight	Conforms	Conforms



John Su  
QA & QC Manager