

Certificate of Analysis

Date of Testing: 2024-08-13 10:09:17
Date of Next Testing: 2028-08-12 10:09:17
Product Name: **Low-Substituted Hydroxypropyl Cellulose(L-HPC)**
CAS Number: 9004-64-2
Specifications & Purity: M.W. 100,000
Lot #: L1628016
SKU #: **H140811**
Version: **0**
Analysis #: **398333**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|--|---|---|
| PH | 5-7.5 | 6.98 |
| Iron(Fe) | 0-0.01 (%) | 0.01 % |
| Total number of bacteria | 0-1000 (cfu/g) | 760.00 cfu/g |
| (As)Arsenic | 0-0.001 (%) | 0.00 % |
| Assay(C ₃ H ₇ O ₂ ,anhydrous basis) | 7-16 (%) | 12.19 % |
| Chloride | 0-0.36 (%) | 0.35 % |
| Heavy metals | 0-0.001 (%) | 0.00 % |
| Loss on drying | 0-5 (%) | 3.30 % |
| Ignition Residue | 0-0.5 (%) | 0.36 % |
| Total yeasts and molds count(TYMC) | 0-100 (cfu/g) | 99.89 cfu/g |
| Appearance (H140811) | White to Off-White Solid, Powder, or Crystals | White to Off-White Solid, Powder, or Crystals |
| Escherichia Coli | none detected | none detected |
| Identification | pass | Pass |



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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager