

## Certificate of Analysis

Date of Testing: 2023-05-13 13:57:23

Date of Next Testing: 2027-05-12 13:57:23

Product Name: **Low-Substituted Hydroxypropyl Cellulose(L-HPC)**

CAS Number: 9004-64-2

Specifications & Purity: M.W. 100,000

Lot #: E2306126

SKU #: **H140811**

**Analysis: 202758**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
PH	5-7.5	6.78
Iron(Fe)	0-0.01 (%)	0.00 %
(As)Arsenic	0-0.001 (%)	0.00 %
Chloride	0-0.36 (%)	0.00 %
Heavy metals	0-0.001 (%)	0.00 %
Loss on drying	0-5 (%)	3.73 %
Ignition Residue	0-0.5 (%)	0.11 %
Total number of bacteria	0-1000 (cfu/g)	10.00 cfu/g
Total yeasts and molds count(TYMC)	0-100 (cfu/g)	10.00 cfu/g
Assay(C <sub>3</sub> H <sub>7</sub> O <sub>2</sub> ,anhydrous basis)	7-16 (%)	8.38 %
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



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager