



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-19 16:12:46

Date of Next Testing: 2029-09-18 16:12:46

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

CAS Number: 9004-64-2

Specifications & Purity: M.W. 100,000

Lot #: I2511690

SKU # **H140811**

Version **1**

**Analysis #:** **535444**

Storage Temperature: Room temperature,Argon charged

| Parameter                                                            | Limit Values                                  | Result                                        |
|----------------------------------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Total number of bacteria                                             | 0-1000 (cfu/g)                                | 60.00000 cfu/g                                |
| (As)Arsenic                                                          | 0-0.001 (%)                                   | 0.00020 %                                     |
| Chloride                                                             | 0-0.36 (%)                                    | 0.20000 %                                     |
| Heavy metals                                                         | 0-0.001 (%)                                   | 0.00100 %                                     |
| Loss on drying                                                       | 0-5 (%)                                       | 2.50000 %                                     |
| Ignition Residue                                                     | 0-0.5 (%)                                     | 0.26000 %                                     |
| Total yeasts and molds count(TYMC)                                   | 0-100 (cfu/g)                                 | 20.00000 cfu/g                                |
| Assay(C <sub>3</sub> H <sub>7</sub> O <sub>2</sub> ,anhydrous basis) | 5-16 (%)                                      | 6.30000 %                                     |
| pH                                                                   | 5-7.5                                         | 5.90000                                       |
| Iron(Fe)                                                             | 0-0.01 (%)                                    | 0.01000 %                                     |
| 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                                          |



QualityAssurance@aladdinsci.com

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

John Su  
QA & QC Manager