

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-03-02 18:45:44

Date of Next Testing: 2030-03-01 18:45:44

Product Name: **Powdered Cellulose**

CAS Number: 9004-34-6

Specifications & Purity: JP, Ph.Eur., E 460(ii), FCC, NF

Lot #: B2627583

SKU #: **P494075**

Version: **1**

Analysis #: **660475**

Storage Temperature: Room temperature, Argon charged

| Parameter                                                                                                                                                                                                                 | Limit Values  | Result        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| Ether soluble substances                                                                                                                                                                                                  | 0-0.15 (%)    | 0.00200 %     |
| Heavy metals                                                                                                                                                                                                              | 0-10 (ppm)    | 0.35000 ppm   |
| Loss on drying                                                                                                                                                                                                            | 0-6.5 (%)     | 4.90000 %     |
| Residue on Ignition                                                                                                                                                                                                       | 0-0.3 (%)     | 0.19000 %     |
| Water soluble substances                                                                                                                                                                                                  | 0-1.5 (%)     | 0.58600 %     |
| bulk density                                                                                                                                                                                                              | 310-410 (g/L) | 350.00000 g/L |
| Particle size(retained on air jet sieve)> 90 µm (170 mesh)                                                                                                                                                                | ≤99.5 (%)     | 96.60000 %    |
| Particle size(retained on air jet sieve)> 250 µm (60 mesh)                                                                                                                                                                | ≤75 (%)       | 46.10000 %    |
| Particle size(retained on air jet sieve)> 400 µm (43 mesh)                                                                                                                                                                | ≤5 (%)        | 0.10000 %     |
| Appearance(White or almost white, fine or granular powder)                                                                                                                                                                | Pass          | Pass          |
| Solubility(Practically insoluble in water, slightly soluble in a 50 g/ L solution of sodium hydroxide, practically insoluble in acetone, in anhydrous ethanol, in toluene, in dilute acids and in most organic solvents.) | Pass          | Pass          |
| Identification(zinc chloride-test)                                                                                                                                                                                        | Pass          | Pass          |
| Identification(dispersion test)                                                                                                                                                                                           | Pass          | Pass          |
| Solubility(Cu-am solution)                                                                                                                                                                                                | Passes        | passes        |
| Total aerobic microbial count(TAMC)(10 <sup>3</sup> cfu/g)                                                                                                                                                                | Pass          | Pass          |
| Total yeasts and molds count(TYMC) (10 <sup>2</sup> cfu/g)                                                                                                                                                                | Pass          | Pass          |
| E. coli, Staph. Aureus, Pseudomonas aerugin , Absent in 1g                                                                                                                                                                | Pass          | Pass          |



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**Parameter**

**Limit**

**Result**

**Values**

Salmonella spec.(Absent in 10g)

Passes

passes

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

John Su  
QA & QC Manager