

ALADDIN SCIENTIFIC CORPORATION
 14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-15 11:43:35
 Date of Next Testing: 2028-11-14 11:43:35
 Product Name: **Microcrystalline Cellulose**
 CAS Number: 9004-34-6
 Specifications & Purity: JP, Ph.Eur., NF, Spheres
 Lot #: K2511058
 SKU #: **M489686**
 Version: **1**
 Analysis #: **250486**

Parameter	Limit Values	Result
Degree of Polymerization	0-350	241.00
Conductivity	0-75 (µS/cm)	18.00000 µS/cm
Ether-soluble substances	0-0.05 (%)	0.01000 %
Heavy metals	0-10 (ppm)	2.60 ppm
Loss on drying	0-7 (%)	5.20 %
pH	5-7	6.80
Sulphated ash/residue on ignition	0-0.1 (%)	0.03000 %
Water soluble matter	0-0.24 (%)	0.03000 %
bulk density	≥0.8 (g/ml)	0.83 g/ml
Particle size(retained on air jet sieve) 355-500µm	85-100 (%)	92.00000 %
Sphericity(SPHT3)	≥0.9	0.98000
Appearance(White to almost white hard and almost spherical particles)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Identification(1) (Violet-blue color)	Pass	Pass
Solubility,Dissolves completely	Pass	Pass
Total aerobic microbial count(TAMC)(10 ³ cfu/g)	Pass	Pass
Total yeasts and molds count(TYMC) (10 ² cfu/g)	Pass	Pass
Escherichia coli (Absent in 1 g)	Pass	Pass
Pseudomonas aeruginosa absent in 1g	Pass	Pass
Staphylococcus aureus absent in 1g	Pass	Pass
Salmonella species(Absent in 10 g)	Passes	passes



QualityAssurance@aladdinsci.com

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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