

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-08-01 10:03:13

Date of Next Testing: 2029-07-31 10:03:13

Product Name: **Microcrystalline Cellulose**

CAS Number: 9004-34-6

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

Lot #: G2630095

SKU #: **M489705**

Version: **1**

Analysis #: **750347**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Degree of Polymerization	0-350	241.99800
Stable suspension Conductivity	0-75 (μS/cm)	30.99960 μS/cm
Ether-soluble substances	0-0.05 (%)	0.01000 %
Heavy metals	0-10 (ppm)	9.85800 ppm
Loss on drying	0-6 (%)	3.19800 %
Sulphated ash /residue on ignition	0-0.05 (%)	0.04170 %
Water soluble matter	0-0.24 (%)	0.13900 %
bulk density	0.25-0.37 (g/ml)	0.27800 g/ml
Particle size(retained on air jet sieve)(> 75μm)	10-30 (%)	18.98500 %
Particle size(retained on air jet sieve)(>250μm)	0-1 (%)	0.97800 %
Tapped density	0.37-0.5 (g/ml)	0.41700 g/ml
pH	5-7	5.56000
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Dissolves completely	Pass	Pass
Total aerobic microbial count(TAMC) (10 ² cfu/g)	Passes	passes
Total molds and yeasts count(TYMC)(20cfu/g)	Passes	passes
Staph. aureus E.coli, Pseudomonas aeruginosa(Absent in 1 g)	Passes	passes
Salmonella spec.(Absent in 10g)	Passes	passes
Particie size(Laser diffraction)(d10:15-30μm)	Pass	Pass
Particie size(Laser diffraction)(d50:45-80μm)	Pass	Pass
Particie size(Laser diffraction)(d90:100-180μm)	Pass	Pass



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager