

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-03-17 14:48:08

Date of Next Testing: 2028-03-16 14:48:08

Product Name: **Microcrystalline Cellulose**

CAS Number: 9004-34-6

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

Lot #: C2511652

SKU #: **M489093**

Version: **1**

Analysis #: **482089**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Degree of Polymerization	0-350	350.00000
(As)Arsenic	0-0.0002 (%)	0.00020 %
Chloride	0-0.03 (%)	0.03000 %
Conductivity	0-75 (μS/cm)	29.00000 μS/cm
Ether-soluble substances	0-0.05 (%)	0.05000 %
Heavy metals	0-10 (ppm)	5.00000 ppm
Loss on drying	0-7 (%)	4.30000 %
pH	5.0-7.0	6.00000
Sulphated ash/residue on ignition	0-0.05 (%)	0.04000 %
Water-soluble substances	0-0.2 (%)	0.01000 %
bulk density	0-0.26 (g/ml)	0.15000 g/ml
Particle size(retained on air jet sieve)>32μm(450mesh)	0-8 (%)	1.00000 %
Identification(1) (Violet-blue color)	Pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility,Dissolves completely	Pass	Pass
Starch(Negative)	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 1 g)	passes test	Passes test
Staphylococcus aureus (absent in 1 g)	passes test	Passes test
Salmonella spec.(Absent in 10g)	Passes	passes



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager