

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

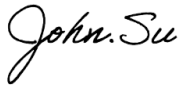
Certificate of Analysis

Date of Testing:	2026-03-04 18:54:43
Date of Next Testing:	2030-03-03 18:54:43
Product Name:	Powdered Cellulose
CAS Number:	9004-34-6
Specifications & Purity:	JP, Ph.Eur., E 460(ii), FCC, NF
Lot #:	C2603652
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)	0.35 ppm
Loss on drying	0-6.5 (%)	4.90 %
Residue on Ignition	0-0.3 (%)	0.19000 %
Water soluble substances	0-1.5 (%)	0.58600 %
bulk density	310-410 (g/L)	350.00 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

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Parameter	Limit Values	Result
Total aerobic microbial count(TAMC)(10^3 cfu/g)	Pass	Pass
Total yeasts and molds count(TYMC) (10^2 cfu/g)	Pass	Pass
E. coli, Staph. Aureus, Pseudomonas aeruginosa, Absent in 1g	Pass	Pass
Salmonella spec.(Absent in 10g)	Passes	passes



John Su
QA & QC Manager