

Certificate of Analysis

Date of Testing: 2023-09-04 16:19:47
 Date of Next Testing: 2027-09-03 16:19:47
 Product Name: **Powdered Cellulose**
 CAS Number: 9004-34-6
 Specifications & Purity: Ph. Eur., NF, JP, E 460(ii), FCC
 Lot #: H2325236
 SKU #: **P494075**
 Analysis: **257236**

Parameter	Limit Values	Result
Degree of Polymerization	0-440	300.00
Ether-soluble substances	0-0.15 (%)	0.01000 %
Heavy metals	0-10 (ppm)	3.00 ppm
Loss on drying	0-6.5 (%)	5.30 %
PH	5.0-7.5	5.70
Residue on Ignition	0-0.3 (%)	0.20000 %
Water-soluble substances	0-1.5 (%)	0.30 %
bulk density	270-330 (g/L)	311.00 g/L
Particle size(retained on air jet sieve)(>32um(450 mesh))	50-100 (%)	71.00000 %
Particle size(retained on air jet sieve)(>75um(200 mesh))	0-30 (%)	17.00000 %
Particle size(retained on air jet sieve)>250µm(60 mesh)	0-1 (%)	0.00000 %
zincchloride-test	Passes	passes
dispersion test	Passes	passes
Solubility(Cu-am solution)	Passes	passes
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 aerugin , Absent in 1g	Pass	Pass
Salmonella spec.(Absent in 10g)	Passes	passes



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

John Su
QA & QC Manager