

CERTIFICATE OF ANALYSIS

Product Name	Microcrystalline Cellulose 102	Batch No	PY-MI20210303
Quantity	1000KG	Analysis Date	Mar.05,2021
Mfg. Date	Mar.03,2021	Exp. Date	Mar.02,2023
Package	20kg/Drum	Standard	USP39

No.	Item	Specification	Result
1.	Appearance	White or off-white crystalline powder	White powder
2.	Identification A,B	Positive	Positive
3.	pH	5.0-7.5	5.96
4.	Ether-soluble Matter	≤0.05%	0.03%
5.	Water-soluble Matter	≤0.25%	0.15%
6.	Conductivity	≤75μS/cm	31.9μS/cm
7.	Heavy Metals	≤10ppm	<10ppm
8.	Residue on Ignition	≤0.1%	0.09%
9.	Loss on Drying	≤7.0%	3.95%
10.	Bulk Density	0.28-0.38gm/ml	0.324gm/ml
11.	Particle Size: +60Mesh +200Mesh	≤8% ≥45%	<8% >45%
12.	Total Plate Count	≤1,000cfu/g	<1,000cfu/g
13.	Yeasts & Molds	≤100cfu/g	<100cfu/g
14.	E.Coli	Negative	Negative
15.	Salmonella	Negative	Negative
16.	Staphylococcus aureus	Negative	Negative
17.	Pseudomonas aeruginosa	Negative	Negative
18.	Conclusion	Conform to the USP39 Standard.	

Analyst: xuli

QC: lixiaochen