

CERTIFICATE OF ANALYSIS

Product Name: Microcrystalline Cellulose PH101 **CAS No:** 9004-34-6
Batch No.: ZY-MC20220920 **Manufacture Date:** 09/20/2022
Quantity: 7800KG **Expired Date:** 09/19/2024
Standard: USP35-NF30

Analysis Items	Specification	Result
Identification A	Conform	Conform
Identification B	The degree of Polymerization \leq 350	207
Granulometry,(%)	Remains 60 mesh \leq 1	0.1
	Remains 200 mesh \leq 30	9.5
Conductivity,(us/cm)	\leq 75	32
Appearance	White or almost white, fine or granular powder	Confirm
Water Soluble Substances,(%)	\leq 0.25	<0.11
Ether-Soluble Substances,(%)	\leq 0.05	<0.02
Bulk density,(g/ml)	0.38-0.45	0.41
PH	5.0-7.5	6.3
Loss on drying,(%)	\leq 7.0	3.2
Residue on ignition,(%)	\leq 0.1	<0.1
Heavy metals,(%)	\leq 0.001	<0.001
TAMC,(cfu/g)	\leq 1000	10
TYMC,(cfu/g)	\leq 100	<10
E.coli,(cfu/g)	Negative	Negative
Salmonella species,(cfu/g)	Negative	Negative
Staphylococcus aureus,(cfu/g)	Negative	Negative
Pseudomonas aeruginosa,(cfu/g)	Negative	Negative

Conclusion: Conform to Specification

Packing: Packed in paper-drums and two plastic-bags inside

Storage:Store in a well-closed container away from moisture,direct light and heat.

Inspector:Liuqiang

Reexamining:Zhangguangchao

Verification:Miaoyu