

Certificate of Analysis

Microcrystalline Cellulose PH101 USP35-NF30

BATCH NUMBER	<u>20200403</u>	TEST DATE	<u>Apr.03, 2020</u>
QUANTITY	<u>4000kg</u>	MANUFACTURE DATE	<u>Apr.03, 2020</u>
PACKING	<u>20kg/bag</u>	EXPIRY DATE	<u>Apr 02, 2023</u>

TEST ITEMS	SPECIFICATION	RESULTS
Appearance	White or almost white, fine or granular powder.	Conform
Identification A	Conform	Conform
Identification B	The degree of Polymerization ≤ 350	227
Granulometry	Remains 60mesh $\leq 1\%$	0.2%
	Remains 200mesh $\leq 30\%$	12.3%
Conductivity	≤ 75 us/cm	51us/cm
PH value	5.0-7.5	6.7
Loss on drying	$\leq 7.0\%$	3.6%
Residue on ignition	$\leq 0.10\%$	0.03%
Water Soluble Substances	$\leq 0.25\%$	0.17%
Ether-Soluble Substances	$\leq 0.05\%$	0.03%
Heavy metal	$\leq 0.001\%$	<0.001%
Microbial limits		
TAMC	≤ 1000 cfu/g	30CFU/g
TYMC	≤ 100 cfu/g	<10CFU/g
Escherichia coli	Absent	Absent
Salmonella species	Absent	Absent
Staphylococcus aureus	Absent	Absent
Pseudomonas aeruginosa	Absent	Absent
Conclusion:	Conform	

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