

Certificate of Analysis

Microcrystalline Cellulose PH102 USP40-NF35

BATCH NUMBER	20200325	TEST DATE	Mar.29,2020
QUANTITY	4000kg	MANUFACTURE DATE	Mar.25,2020
PACKING	20kg/bag	EXPIRY DATE	Mar.24,2023

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	211
Granulometry	Remains 60mesh $\leq 8\%$ Remains 200mesh $\geq 45\%$	2.9% 59.5%
Conductivity	≤ 75 us/cm	42us/cm
PH value	5.0-7.5	6.5
Loss on drying	$\leq 7.0\%$	3.4%
Residue on ignition	$\leq 0.10\%$	0.02%
Water Soluble Substances	$\leq 0.25\%$	0.15%
Ether-Soluble Substances	$\leq 0.05\%$	0.02%
Heavy metal	$\leq 0.001\%$	<0.001%
Microbial limits		
TAMC	≤ 1000 cfu/g	<10CFU/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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