SPECIFICATION

Microcrystalline Cellulose 101
USP/EP/BP

Product Identification

Description:	White powder
Molecular Weight:	324,28 g/mol
CAS-No.:	9004-34-6
EC Number:	232-674-9
REACH Registration:	not obligatory to registration acc. Directive (EU) no. 1907/2006, article 2, item 5

Product Description

Main Applications:	Tablet and capsule diluent, tablet disintegrant.
Characteristic:	White Powder
Quality Standards:	Production certified according to ISO 9001
Shelf Life:	24 months
Storage Conditions:	Store in a cool, dry place, away from high temperature and direct sunlight
Package:	20kg/fiber drum or 20kg/kraft bag

Specification

Item	MCC 101 (USP/EP/BP)
Identification A-B	Complies
pH	5.0-7.5
Ether-soluble Matter, %	≤0.05
Water-soluble Matter, %	≤0.25
Heavy metal, ppm	≤10
Residue on Ignition	≤0.1
(Sulfated ash), %	≤0.1
Loss on drying, %	≤7.0
Bulk Density, g/cm3	0.28-0.38
Conductivity, uS/cm	≤75

Heavy metals	
Arsenic	≤ 3 ppm
Lead	≤ 2 ppm
Cadmium	≤ 1 ppm
Sulphated Ash	≤ 0.1%
Microbiological Contamination	
TAMC	≤100 CFU/g
TYMC	≤100 CFU/g
Escherichia Coli Pseudomonas aeruginosa Staphylococcus aureus Salmonella	Absent
Particle Size:	
60 mesh (250 microns), %	≤1.0
200 mesh (74 microns), %	≤30.0