



## Specification

### Microcrystalline Cellulose 102 USP-NF/EP/BP/JP

**Catalog Number:** MC1002  
**CAS Number:** 9004-34-6  
**Storage:** 15°C – 30°C  
**Retest Date:** Five years after date of manufacture.

Test	Specification
Appearance	White to almost white, fine to granular powder
Assay	97.0 – 102.0%
Identification A (Zinc Chloride test)	To meet requirements
Identification B	Degree of polymerization $\leq$ 350
Granulometry	60mesh $\leq$ 8% remains 200mesh $\geq$ 45.0%
Conductivity	$\leq$ 75 $\mu$ S/cm
Solubility	To meet requirements
pH	5.0 - 7.5
Moisture (LOD)	$\leq$ 7.0%
Residue on Ignition	$\leq$ 0.1%
Water Soluble Substances	$\leq$ 0.25%
Ether Soluble Substances	$\leq$ 0.05%
Heavy Metals	$\leq$ 10 ppm
Total Aerobic Count	$\leq$ 1,000cfu/g
Total Yeast and Mold Count	$\leq$ 100cfu/g
<i>E. coli</i>	Negative
<i>P. aeruginosa</i>	Negative
<i>S. aureus</i>	
<i>Salmonella</i>	Negative

Approved by:

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