# SPECIFICATION

## Microcrystalline Cellulose 102
## 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 102 (USP/EP/BP)** |
|---|---|
| Identification | Complies |
| pH | 5.0-7.5 |
| Ether-soluble Matter, % | ≤ 0.05 |
| Water-soluble Matter, % | ≤ 0.25 |
| Heavy metal, ppm | ≤ 10 |
| Residue on Ignition (Sulfated ash), % | ≤ 0.1 |
| Loss on drying, % | ≤ 7.0 |
| Bulk Density, g/cm3 | 0.28-0.38 |
| Conductivity, uS/cm | ≤ 75 |
| **Particle Size**: | |
| 60 mesh (250 microns), % | ≤ 8.0 |
| 200 mesh (74 microns), % | > 45.0 |

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