

## Inositol NF/FCC Powder

### Product Characteristics

Appearance	White crystalline powder
Country of origin	China

### Physical Profile

### Specification

Identification	Positive reaction
Clarity of solution	Meets NF
Color of solution	Meets NF
Conductivity	≤ 20 μS/cm
Barium	Meets NF
Melting range	224.0°C – 227.0°C
Loss on drying	≤ 0.5%
Residue on ignition	≤ 0.1%
Assay	≥ 97.0%
Related compounds	
Individual impurity	≤ 0.3%
Total impurities	≤ 1.0%
Chloride	≤ 0.005%
Sulfate	≤ 0.006%
Calcium	Passes test
Lead	≤ 0.5ppm
Particle size	100% through 30 mesh

### Microbiological Profile

Total aerobic plate count	≤ 1000 CFU/g
Yeast and mold	≤ 100 CFU/g
Salmonella	Negative
E. Coli	Negative

### Storage

Store in tight containers, protected from light, moisture and heat.