

Product Description-TDS

Product Name: Inositol

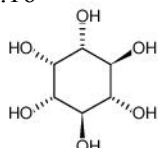
Product Information

CAS No: 87-89-8

Molecular Formula: C₆H₁₂O₆

Molecular Weight : 180.16

Molecular Structure:



Other Items :



Item	Specifications
Appearance	White crystal powder
Loss on drying	≤0.5%
Melting point	224°C~227°C
Residue on Ignition	≤0.1%
Impurity at RRT 0.96	≤5.0%
Assay	≥97.0%
Conductivity	≤20us cm-1
Chloride	≤0.005%
Sulfate	≤0.006%
Iron	≤0.005%
Pb	≤5ppm
Total impurities	≤1.0%
Individual	≤0.3%
Lead	≤0.5mg/kg
Arsenic	≤0.5mg/kg

Mercury	$\leq 0.1\text{mg/kg}$
Cd	$\leq 0.5\text{mg/kg}$
Total plate count	$\leq 1000\text{cfu/g}$
Mould and yeast	$\leq 1000\text{cfu/g}$
E. Colin	Absent/25g
Salmonella	Negative/25g

Package:

25kg/drum

Application:

Clinical use of inositol together with vitamin B complex can stop or reduce excessive fat deposition in the liver, promote fat metabolism in the liver, and have the effect of lowering blood lipids and eliminating fat infiltration in hepatocytes. It can be used to treat fatty liver, alcoholic liver, atherosclerosis, hypercholesterolemia, diabetes, alopecia areata, hyperlipidemia, etc. Derivatives of inositol, such as phosphatidylinositol are one of the constituents of cell membranes into Chemicalbook score, inositol hexaphosphate (phytate) or inositol hexaphosphate calcium magnesium (Fenton) often accumulate in the seeds of higher plants. Inositol hexaphosphate extracted from rice bran or bran can be used as an antioxidant, stabilizer, and preservative for food. Inositol can be widely used in medicine, chemical industry, food, and other aspects has a curative effect on liver ulcer vascular sclerosis and other diseases, and can be used as the raw material of high-grade cosmetics, has high economic value.

Storage:

Store in tightly closed containers, cool and dry. Protect from heat, oxygen and light.