

Specification of D-Chiro-Inositol

Product: D- Chiro- Inositol

Package: 10KG/package

Type: Food Grade

ITEMS	STANDARDS
Characters	White or off white crystals or crystalline powder
Identification	Match with the standard
Loss on Drying	$\leq 2.0\%$
Residue on ignition	$\leq 0.5\%$
Heavy Metals	$\leq 10\text{ppm}$
Chloride	$\leq 0.5\%$
Sulfate	$\leq 0.5\%$
Related compounds(HPLC)	Total impurities $\leq 2.0\%$ Sucrose $\leq 1.0\%$ Pinitol $\leq 1.0\%$ Glucose (dextrose) $\leq 1.0\%$ Fructose $\leq 1.0\%$ myo- Inositol $\leq 1.0\%$ Any unknown impurity $\leq 0.1\%$
Optical Activity [α]_D 20 °C	+63-67°, c= 1.0 in H ₂ O
Assay (HPLC)	99.0~ 102.0%
Total plate count	$\leq 100\text{cfu/g}$
Yeast & Mold	$\leq 100\text{cfu/g}$
Salmonella	Absent
Enterobacteria	Absent

Shelf Life: 24months

Storage: Stored in cool, dry and ventilated warehouse, and keep away from Moisture