

cas 87-89-8

Item	Specifications	Results
Appearance	It is odorless white crystalline powder which is readily is readily soluble in water. It tastes sweet.	It is odorless white crystalline powder which is readily is readily soluble in water. It tastes sweet.
Identification	Meets Specifications	Meets Specifications
Clarity and color of solution	Meets Specifications	Meets Specifications
Assay	$\geq 98.0\%$	99.5%
Loss on drying	$\leq 0.5\%$	0.22%
Residue on Ignition	$\leq 0.1\%$	0.005%
Conductivity	$\leq 20\mu\text{ s cm}^{-1}$	$11.02\mu\text{ s cm}^{-1}$
Chloride	$\leq 0.005\%$	$< 0.005\%$
Sulfate	$\leq 0.006\%$	$< 0.006\%$
Calcium	Meets Specifications	Meets Specifications
Barium	Meets Specifications	Meets Specifications
Iron	$\leq 0.0005\%$	$< 0.0005\%$
Heavy Metals(Pb)	$\leq 0.0010\%$	$< 0.0010\%$
Total impurities	$\leq 1.0\%$	Not detected
Individual impurities	$\leq 0.3\%$	Not detected
Lead	$\leq 0.5\text{mg/kg}$	$< 0.5\text{mg/kg}$
Arsenic	$\leq 3\text{mg/kg}$	$< 1\text{mg/kg}$
Mercury	$\leq 0.1\text{mg/kg}$	$< 0.1\text{mg/kg}$
Cd	$\leq 0.005\text{mg/kg}$	$< 0.005\text{mg/kg}$
Total plate count	$\leq 1000\text{cfu/g}$	$< 100\text{cfu/g}$
Mould and yeast	$\leq 100\text{cfu/g}$	$< 10\text{cfu/g}$
Colon bacillus	Absent	Absent

Salmonella	Absent	Absent
Conclusion	The results conforms with the standards for NF32	

More About Inositol with cas 87-89-8

CAS:87-89-8

Synonyms:SUGAR MEAT;RAT ANTISPECTACLED EYE FACTOR;PHASEOMANNITE;MYO-INOSIT;MYO-INOSITOL;1,2,3,5/4,6-CYCLOHEXANEHEXOL;1,2,3,5/4,6-HEXAHYDROXYCYCLOHEXANE;1,2,3,4,5,6-cyclohexanehexol
MF:C6H12O6

Use Of Inositol with cas 87-89-8

1. As a food supplement, with vitamin B1 similar role. Can be used in Functional beverage, Powdered Milk ect.
2. Can be used in aquaculture.
3. Can be used as the raw material of high grade cosmetics.
4. Can be used on pharmaceutical and organic synthesis, cholesterol lowering. ect