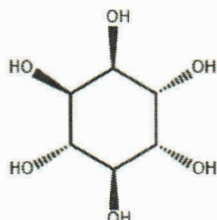


Batch no HJ012605310
Mf date May 30 2026
Retest May 29 2029

Molecular Structure



Molecular Formula $C_6H_{12}O_6$
Molecular Weight 180.16
CAS Registry Number 643-12-9

Aug 07 2026

Tests	Specifications	Results
Appearance	White or off white crystals or crystalline powder	White crystalline powder
Identification	HPLC	Positive
Loss on drying	$\leq 2.0\%$	0.01%
Residue on ignition	$\leq 0.5\%$	0.01%
Heavy metals	≤ 10 ppm	< 10 ppm
Chloride	$\leq 0.5\%$	$< 0.5\%$
Sulfate	$\leq 0.5\%$	$< 0.5\%$
Related compounds (HPLC)	Sucrose $\leq 1.0\%$	ND
	Pinitol $\leq 1.0\%$	ND
	Glucose dextrose $\leq 1.0\%$	ND
	Fructose $\leq 1.0\%$	ND
	Myo-inositol $\leq 1.0\%$	ND
	Any unknown impurity $\leq 0.1\%$	$< 0.1\%$
	Total impurities $\leq 2.0\%$	0.1%
Optical activity $[\alpha]_D^{20}$	$+63 \sim +67^\circ$ $c=1.0$ in H_2O	$+64.2^\circ$
Total plate counts	≤ 100 cfu/g	< 100 cfu/g
Yeast & moulds	≤ 100 cfu/g	< 100 cfu/g
Salmonella	Absence	Absence
Escherichia coli	Absence	Absence
Assay (HPLC)	97.0 ~ 103.0%	99.8%

Packaging & storage	Preserve in tight containers
Conclusion	Material complies with USP