

604 - INOSITOL (MESO INOSITOL)

REF NO: TBL/QA/SS/LC/604	STANDARD SPECIFICATION FOR INOSITOL (MESO INOSITOL)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 604

PRODUCT PROPERTIES

C.A.S Number	87-89-8
Chemical Formula	C ₆ H ₁₂ O ₆
Formula weight	180.16
Functional Uses	Inositol (Meso Inositol) is used as an essential component in wide range of cell culture media including classical and serum-free media. Used as laboratory reagent.
Standard Packaging	25 gm., 100gm & 1 Kg.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.005%
Calcium (Ca)	NMT – 0.005%
Heavy Metal (Pb)	NMT – 0.0005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.