

1244 – MALTOSE (MONO), EXTRA PURE

REF NO: TBL/QA/SS/LC/1244	STANDARD SPECIFICATION FOR MALTOSE (MONO), EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 1244

PRODUCT PROPERTIES

C.A.S Number	6363-53-7
Chemical Formula	C ₁₂ H ₂₄ O ₁₂
Formula weight	360.31
Functional Uses	Maltose monohydrate is used in microbiology to study the specific nutritional properties of various microorganisms.
Standard Packaging	100 gm., 500 gm. & 25 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless to white crystals or crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.5M in water at 25°C)	5.0 – 7.0
Ash	NMT – 0.1%
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.005%
Lead (Pb)	NMT – 0.0005%
Assay (HPLC)	NLT – 99.0%

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

