

1303 – DEXTROSE (MONO) EXTRA PURE

REF NO: TBL/QA/SS/LC/1303	STANDARD SPECIFICATION FOR DEXTROSE (MONO) EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 1303

PRODUCT PROPERTIES

C.A.S Number	5996-10-1
Chemical Formula	C ₆ H ₁₂ O ₆ .H ₂ O
Formula weight	198.17
Functional Uses	It is used in the manufacture of antibiotics like penicillin, ampicillin and also used in the manufacture of sorbitol, calcium gluconate .It is also used in bakery canned and frozen food.
Standard Packaging	500gm, 5kg & 25kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder, sweet in taste
Solubility	Freely soluble in water.
Clarity	Clear solution.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Specific Rotation	+47 to +51°
Sulphated Ash	NMT- 0.1%
Chloride (Cl)	NMT-125ppm
Heavy metals (Pb)	NMT- 5ppm
Assay	NLT- 99.0%

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