

1304 – DEXTROSE (ANH.) EXTRA PURE

REF NO: TBL/QA/SS/LC/1304	STANDARD SPECIFICATION FOR DEXTROSE (ANH) EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 29/10/2024
Issue Date: 30/10/2021		Product code: 1304

PRODUCT PROPERTIES

C.A.S Number	50-99-7
Chemical Formula	C ₆ H ₁₂ O ₆
Formula weight	180.16
Functional Uses	Dextrose is often used in baking products as a sweetener, and can be commonly found in items such as processed foods and Corn syrup. Dextrose also has medical purposes.
Standard Packaging	500gm, 5kg & 25kg

PHYSICAL PARAMETERS

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

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Acidity & Alkalinity (ml of 0.1M NaOH)	NMT – 0.15 ml
Specific Optical Rotation (at 25°C)	+52.5° to +53.3°
Sulphate Ash	NMT – 0.1%
Loss on drying (at 105°C)	NMT – 1.0%
Chloride (Cl)	NMT – 0.003%
Sulphate (SO ₄)	NMT – 0.003%
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.