

TC 010 – D-GALACTOSE

REF NO: TBL/QA/SS/LC/TC 010	STANDARD SPECIFICATION FOR D-GALACTOSE	Rev. No: 03
Issue No: 04		Review Date: 15/11/2024
Issue Date: 16/11/2021		Product code: TC 010

PRODUCT PROPERTIES

C.A.S Number	59-23-4
Chemical Formula	C ₆ H ₁₂ O ₆
Formula weight	180.16
Functional Uses	Galactose has been used as a component of galactosyltransferase labeling buffer and as a supplement in MRS broth for the growth of thermophilic lactobacilli.
Standard Packaging	25 gm, 100 gm & 500 Kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT – 0.005%
Sulphate (SO ₄)	NMT – 0.02%
Loss on drying (105°C)	NMT – 0.2%
Residue on Ignition	NMT – 0.1%
Assay	NLT – 98.0%

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

