

TC 008 – DULCITOL (GALACITITOL, DULCITE)

REF NO: TBL/QA/SS/LC/TC 008	STANDARD SPECIFICATION FOR DULCITOL (GALACITITOL, DULCITE)	Rev. No: 03
Issue No: 04		Review Date: 14/11/2024
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PRODUCT PROPERTIES

C.A.S Number	608-66-2
Chemical Formula	C ₆ H ₁₄ O ₆
Formula weight	182.17
Functional Uses	It is used as a substrate to identify, differentiate and characterize galactitol dehydrogenase(s). Galactitol may be used as a reference compound in analytical procedures developed to analyze sugar alcohols in plants and food.
Standard Packaging	25 gm , 100 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.
Solubility	Soluble in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting point	186 – 188°C
Reducing sugar	NMT – 0.1%

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

