

1850 – 1, 4, DITHIOERYTHRITOL (D.T.E)

REF NO: TBL/QA/SS/LC/1850	STANDARD SPECIFICATION FOR 1,4,DITHIOERYTHRITOL (D.T.E)	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 1850

PRODUCT PROPERTIES

C.A.S Number	6892-68-8
Chemical Formula	C ₄ H ₁₀ O ₂ S ₂
Formula weight	154.25
Functional Uses	Reagent for maintaining –SH groups in the reduced state; quantitatively reduces disulfides.
Standard Packaging	1 gm & 5 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.1M in H ₂ O, 25° C)	4.0 – 6.0
Sulphate (SO ₄)	NMT – 0.005%
Iron (Fe)	NMT-0.0005%
Zinc (Zn)	NMT-0.0005%
Assay	NLT - 99.0%

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

