

1852 – DL-DITHIOTHREITOL (D.T.T.)

REF NO: TBL/QA/SS/LC/1852	STANDARD SPECIFICATION FOR DL-DITHIOTHREITOL (D.T.T.)	Rev. No: 03
Issue No: 04		Review Date: 12/11/2024
Issue Date:13/11/2021		Product code: 1852

PRODUCT PROPERTIES

C.A.S Number	3483-12-3
Chemical Formula	C ₄ H ₁₀ O ₂ S ₂
Formula weight	154.25
Functional Uses	DTT IS used as one of the reactants in the reduction and alkylation of αs1-Casein, the major allergen of cow's milk. It is also used as a component of medium for the demembration and reactivation of spermatozoa.
Standard Packaging	1 gm. & 5 gm.

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White powder.
Solubility	Fully miscible in water.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Melting Point	40 – 43°C
Assay	NLT – 99.0%

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

