

Specification

Technical Data Sheet

Product Name	DTT (Dithiothreitol)
Product No	19733320
CAS Number	3483-12-3
Storage Temperature	2 to 8 °C
Molecular Weight	154.25
Specification	
Appearance	White free flowing powder
Identification	Conforms to reference
Loss on Drying	≤ 0.5%
Melting Point	38.0 - 44.0°C
pH	4.0 - 6.0 (0.1M aq.)
Assay	≥ 99.0%
Clarity	A) 5% (W/V) solution in water is clear and colourless. B) 1 molar solution in 0.01M sodium acetate at pH 5.2 should be

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clear and colourless

For research use only, not for human use

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Solubility

Soluble in methanol and methylene chloride, water, absolute ethanol, acetone, ethyl acetate

UV Absorbance

@ 500nm: ≤ 0.05 , @ 280nm: ≤ 0.10
