

DL-Dithiothretiol (DTT)

Specifications

CAS-Number: 3483-12-3
Formula: C₄H₁₀O₂S₂
Formula weight: 154,25 g/mol
Storage Keep in refrigeration condition +2-8 °C,

Test	Specifications
Description	A white free flowing powder, hygroscopic
Solubility	Freely soluble in methanol and methylene chloride.
Clarity a) In water	5% (w/v) solution in water is clear and colorless
Identification by b) TLC	R _f value of the sample is comparable with that of the standard
Melting Range	41 ± 3 °C
Related Substance b) UV Spectroscopy	Content of Oxidized DTT (Dihydroxydithiane) NMT 0.4%
Assay (by Iodimetry)	>98%