

neoFroxx GmbH

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Specification

Product	DTT for biochemistry
Product number	1111
Synonyms	Cleland's Reagent, 2,3-Dihydroxybutane-1,4-Dithiol, 1,4-Dithio-DL-threit(ol)
Formula	C ₄ H ₁₀ O ₂ S ₂
Molecular weight	154.25 g/mol
CAS number	3483-12-3
Storage	2 - 8°C
Retest period (months)	48

Parameter	Specification
Appearance	white or off-white crystalline powder
Assay (iodometr.)	>= 99 %
pH (0.1 M in water, 20°C)	4 - 6
Melting point	40 - 44°C
DTT (oxidized)	<= 0.5 %
Water	<= 0.5 %
Absorbance (0.02 M in water) at 283 nm	<= 0.05 (revised)

Einhausen, 06.06.2024