



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	MB1015
Lot Number	000310-48748
Product	1,4-Dithio-DL-threitol
	DTT
	Cleland's reagent
CAS Number	3483-12-3, 27565-41-9
Molecular Formula	C ₄ H ₁₀ O ₂ S ₂
Molecular Weight	154.24
Appearance	White crystals
Solubility	Clear and colorless solution (10% solution in water)
Melting Point	41 - 43 °C
Infrared Spectrum	Conforms to structure
UV Ratios	1% Solution: A ₂₈₀ : 0.033 A ₃₀₅ : 0.015 0.02 M Solution: A ₂₈₃ : 0.015 1M Neutral Solution: A ₄₀₀ : 0.034 A ₄₀₅ : 0.032

Prepared by:

Ramesh Mandadi

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Director of Operations

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