

# Certificate of Analysis

DTT, 1,4-Dithiothreitol , Dioxane free

Cat No : D0505

Lot No : 03112420

TEST	Specification	Result
Appearance	Fine White to Off White Powder	PASS
Solubility (10% in water)	Clear, colorless	PASS
Melting Range	41-44 °C	41.3 °C
IR Spectrum	Conforms to structure	Confirmed
UV Absorbance @ 283nm , ( 2% soluiton )	≤ 0.1 %	0.007
Purity by TLC	One Spot	Confirmed
Assay by titration	≥ 99.0%	≥ 99.9 %
Loss on Drying	≤ 0.5 %	≤ 0.07 %

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