

1,4-Dithiothreitol (DTT, Cleland's Reagent)
Ultrapure Bioreagent



Material No.: F780-01
Batch No.: 0000017950
Manufactured Date: 2012/05/08
Expiration Date: 2013/05/08

Certificate of Analysis

Test	Specification	Result
Assay (HSCH ₂ (CHOH) ₂ CH ₂ SH)	>= 99.5 %	100.1
Absorbance of a 0.1M Solution (1-cm path vs water) at - 280 nm	<= 0.060	0.035
Absorbance of a 0.1M Solution (1-cm path vs water) at - 260 nm	<= 0.400	0.300
Appearance	Passes Test	PT
Melting Point	40 - 43 °C	42

For Laboratory, Research or Manufacturing Use

Storage Conditions: Store Under Nitrogen
Country of Origin: CA
Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 17025:2005
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008, 17025:2005
Panoli, India 9001:2008

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Global Director of Quality Assurance

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