



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED

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CERTIFICATE OF QUALITY / CERTIFICATE OF ANALYSIS

DTT (DL-Dithiothreitol)

Code: 0281

Chemical Formula:	C ₄ H ₁₀ O ₂ S ₂	Manufacture Date:	(batch specific)
Molecular Weight:	154.25	Expiration/Reassay Date:	(batch specific)
CAS #:	3483-12-3		
Appearance:		Storage:	Frozen
White powder.		Grade:	BIOTECHNOLOGY GRADE

Additional Information

TEST	SPECIFICATION	DISPOSITION
Abs.@260nm (0.1M, Water)		PASS
Abs.@280nm (0.1M, Water)		PASS
Abs.@283nm (0.02M, Water)	<= 0.05	PASS
DNase	NONE	PASS
IR	PASS	PASS
Loss on Drying	<= 0.5 %	PASS
Melting Point	39 - 43 Degrees C	PASS
Oxidized DTT	<= 0.5 %	PASS
Protease	NONE	PASS
Purity (-SH Content)	>= 99.4 %	PASS
RNase	NONE	PASS
Solubility (5%, Water)	PASS	PASS

Spec Set: 0281BIO

Analysis may have been rounded to significant digits in specification limits.

Product meets analytical specifications of the grades listed.

Internal ID #: 269

Signature: _____

Title:

Date Printed:

03/04/2016

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