

DENVILLE

SCIENTIFIC INC.

Certificate of Analysis

Description:	Dithiothreitol, DTT	
Catalogue No:	CD-4070-13, CD-4070-4	
Lot No:	C22661	
Molecular Formula:	$C_4H_{10}O_2S_2$	
Molecular Weight:	154.2	
CAS No:	3483-12-3	
Test:	Specification:	Result:
Melting point:	40-44 °C	42 °C
Solubility:	5% solution in H ₂ O, clear and colourless	Conforms
Purity:	Min 99%	99.9% (iodometric titration ex-SH)
Oxidised DTT:	Max 0.5%	0.30%
Identification:	FTIR Concordant	conforms
Loss on drying:	Max 0.5%	0.04%
TLC:	Report only	Single Spot
Storage:	Shipped on blue ice. Store at 0-5°C.	
Recommended Retest Date:	February 2013	
Despatch date:	2/10/11	
Raised by: KRC	Checked by: MEA	