

CERTIFICATE OF ANALYSIS

Product **DITHIOTHREITOL (DTT)**

Product number D1309 Batch number 012056 Date of production 05-04-2016 Date of analysis 14-04-2016 Date of expiry 30-04-2019

Storage store at 2 - 8 °C, protected from light

Description Appearance of solution Identification:	SPECIFICATION white free flowing powder clear and colourless	RESULT complies complies	UNITS	REMARKS hygroscopic 5% in H ₂ O
-A (IR-spectrum)	conform	complies		
-B (TLC)	conform	complies		
Melting point	42 - 44	42 - 43	°C	
рН	4.0 - 6.0	5.57		$0.1 \text{ M in H}_2\text{O}$
Impurities:				UV
- Oxidized DTT	≤ 0.4	0.213	%	
Assay	≥ 99.0	99.53	%	
Loss on drying	< 0.5%	0.3	%	

This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by: drs. M. van Wissen, pharmacist

Department of Quality Control Duchefa B.V.

Date: 21-04-2016

The buyer is responsible to test each batch to ensure the product is suitable for their specific purpose.

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