

CERTIFICATE OF ANALYSIS

Product : **DITHIOTHREITOL (DTT)**
 Product number : D1309
 Batch number : 018095
 Date of production : 24-12-2022
 Date of analysis : 04-01-2023
 Date of expiry : 31-12-2025

Storage : store at 2 – 8 °C, protected from light

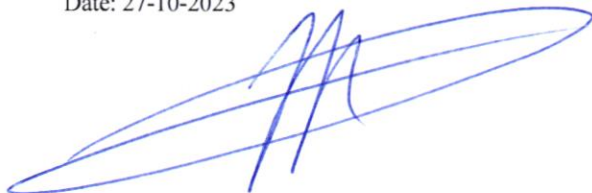
	SPECIFICATION	RESULT	UNITS	REMARKS
Description	white particles	complies		
Appearance of solution	clear and colourless	complies		50 mg/ml in H ₂ O
Solubility	soluble in methanol and methylene chloride	complies		
UV-absorbance				
-260 nm	≤ 0.4	0.358		
-280 nm	≤ 0.1	0.054		
Melting point	41.0 – 44.0	41.3 – 42.5	°C	
pH	4.0 – 6.5	4.10		0.1 M in H ₂ O
Assay	≥ 99.0	99.3	%	
Heavy Metals	≤ 5	complies	ppm	

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: 27-10-2023



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

Duchefa Biochemie B.V.