

CERTIFICATE OF ANALYSIS

Product : **DITHIOTHREITOL (DTT)**
 Product number : D1309
 Batch number : 017186
 Date of production : 17-04-2022
 Date of analysis : 16-05-2022
 Date of expiry : 30-04-2025

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

	SPECIFICATION	RESULT	UNITS	REMARKS
Description	white free flowing powder	complies		hygroscopic
Appearance of solution	clear and colourless	complies		5% in H ₂ O
Solubility	soluble in methanol and methylene chloride	complies		
UV-absorbance				
-260 nm	≤ 0.4	0.399		
-280 nm	≤ 0.1	0.063		
Melting point	41.0 – 44.0	42.6 – 43.9	°C	
pH	4.0 – 6.5	4.7		0.1 M in H ₂ O UV
Assay	≥ 99.0	99.18	%	
Heavy Metals	≤ 5	complies	ppm	

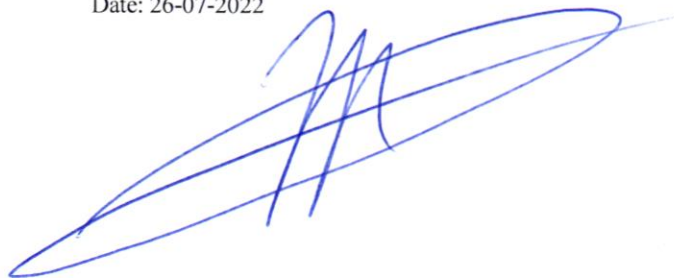
This certificate of analysis is conform the results of the manufacturer.

Conclusion: approved

Released by:

drs. M. van Wissen, pharmacist
Department of Quality Control Duchefa B.V.

Date: 26-07-2022



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

Duchefa Biochemie B.V.