

CERTIFICATE OF ANALYSIS

Product : **DITHIOERYTHREITOL (DTE)**
 Product number : D1308
 Batch number : 017714
 Date of analysis : 04-05-2023
 Date of expiry : 31-05-2025

Storage : store dry at 2 – 8 °C, under an atmosphere of inert gas

	SPECIFICATION	RESULT	UNITS	REMARKS
Appearance	white crystalline powder	complies		
Melting point	82 – 86	86	°C	
Appearance of solution	clear and colourless	complies		3.9% in H ₂ O
Identification	conform	complies		IR-spectrum 0.025 M in H ₂ O
Light absorption:				
- 260nm	≤ 0.120	0.101		
- 280nm	≤ 0.040	0.017		
Impurities:				UV
- Oxidized DTE	≤ 0.5	0.2	%	
Loss on drying	≤ 3.0	0.2	%	3h, 40°C, in vacuo
Assay	≥ 99.0	100.4	%	

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

Conclusion: approved

Released by:

Q. de Hoog, MSc, pharmacist
Department of Quality Control Duchefa B.V.

Date: 05-05-2023

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

Duchefa Biochemie B.V.