

CERTIFICATE OF ANALYSIS

PRODUCT NAME:	Dithiothreitol (DTT)
CAS NO.	3483-12-3
FORMULA WEIGHT	154.25 g/mol
STORAGE	+2 - 8°C
BATCH NO.	25/MFM/3210
MANUFACTURING DATE:	August 2025
EXPIRY DATE:	July 2028

TESTS	SPECS	RESULTS
Appearance (Colour)	A white, free flowing, hygroscopic powder	Complies
Solubility	Solubility in Water, Dichloromethane and Methanol	Complies
Melting Point	42 to 44°C	42.5°C
UV Absorbance	0.1 M Solution of sample absorbance @280 nm - NMT 0.035 @500nm - NMT 0.100	0.05 0.001
pH / Acidity	4.0 to 6.0	5.35
Assay (by Iodimetry)	≥ 99.0%	99.26%

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29th September 2025