

Certificate of Analysis

Product Name:	DL-Dithiothreitol
Product Number:	D70032
Lot Number:	C26PD702A
CAS:	3483-12-3
Formula:	C4H10O2S2
Molecular Weight:	154.25
Storage at:	2-8°C 避光 干燥
Quality Release Date:	2026-07-02
Recommended retested date:	2031-07-01

Test	Specification	Result
Appearance	White or off-white Powder	White or off-white Powder
Solubility (10% in H2O)	Clear colorless	Clear colorless
Loss on drying	≤ 1%	0.3%
Melting Point	41°C - 44°C	41°C - 44°C
UV-Absorption (0.15g/10mL in H2O at 260nm)	≤ 0.400 AU	0.19
UV-Absorption (0.15g/10mL in H2O at 280nm)	≤ 0.100 AU	0.033
Purity(Titration)	≥99%	99.4%
Identity by H NMR	Conforms	Conforms



Q.A Manager:





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