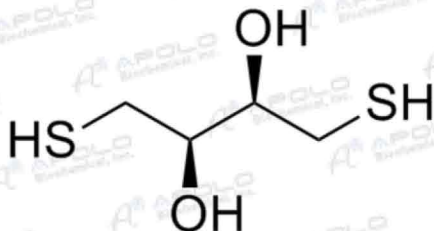


CERTIFICATE OF ANALYSIS

Product Name: DTT, DL-Dithiothreitol

Chemical Structure:



Lot Number: YB20210111

CAT Number: APL-0031

CAS Registry Number: 3483-12-3

Manufacture Date: 2021-01-11

Expiry Date: 2025-01-11

Molecular Formula: C₄H₁₀O₂S₂

Molecular Weight: 154.25 g/mol

Storage: -20°C

Analysis Data

Items	Standards	Results
Appearance	White powder	White powder
Purity (HPLC)	≥ 98%	98%
pH	3~5	4
Solubility (50mg/ml aqueous solution)	Colorless and clear	Complies
UV absorbance /260nm (0.1m aqueous solution)	≤ 1	0.402
UV absorbance /280nm (0.1m aqueous solution)	≤ 1	0.125

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

Jennifer LaBrecque

Jennifer LaBrecque 16/06/2021
Quality Assurance Manager

Conclusion: The above product meets the specifications of APOL