



PRODUCT SPECIFICATION

Product Name: 1,4 DITHIOTHREITOL

Alternate Name(s) DTT

Description

White crystalline powder, characteristic sulfur odor.

Properties

Chemical Formula: $C_4H_{10}O_2S_2$

Molecular Weight: 154.25

General Information:

Soluble in water.

Product Code: DL131

CAS No. 3488-12-3

Quality Specification

Assay: 99.0% min.

Specific Properties and Impurities [Typical levels]:

Oxidised DTT (UV)	<0.5%
Melting point	42 - 43°C
Solubility (5% soln.)	Clear and colourless
Loss on drying	<0.2%

Hazard and Safety Data

UN Group:	None Allocated
Class:	None Allocated
UN Number:	None Allocated
Hazchem code:	None Allocated
CS MSDS Code:	TBA
Poison schedule:	Not Scheduled
Emergency Procedure Guide No.:	N/A

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