


Specification

**DTT Molecular biology grade**

**A2948**

<b>Solubility:</b>	1500 g/L (H <sub>2</sub> O)
<b>Physical Description:</b>	Solid
<b>Product Code:</b>	A2948
<b>Product Name:</b>	DTT Molecular biology grade
<b>Headline Comment:</b>	<b>Warning:</b> Product may form lumps when stored. Material is highly hygroscopic! Storage at 2°-8°C under inert gas! Open only under inert gas!
<b>Specifications:</b>	DNases/RNases/Proteases: not detectable Assay (iodom.): min. 99.5 % pH (0.1 M; H <sub>2</sub> O; 20°C): 4.0 - 6.0 Loss on drying: max. 0.5 % DTT (oxidized): max. 0.5 % A (1 cm/0.02 M in H <sub>2</sub> O) 283 nm: max. 0.05
<b>Hazard pictograms</b>	
<b>WGK:</b>	2
<b>Storage:</b>	2 - 8°C under inert gas
<b>Shipment:</b>	wet ice in Germany, dry ice to abroad
<b>Signal Word:</b>	Attention
<b>GHS Symbols:</b>	GHS07
<b>H Phrases:</b>	H302 H315

**AppliChem GmbH**

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	H317
	H319
	H335
<b>P Phrases:</b>	P261 P280 P305+P351+P338 P403+P233 P405 P501
<b>Molecular Formula:</b>	$C_4H_{10}O_2S_2$
<b>M:</b>	154.25 g/mol
<b>CAS:</b>	3483-12-3
<b>EINECS:</b>	222-468-7
<b>CS:</b>	29309098

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