

# Specification

Item number: 6908

1,4-Dithiothreitol (DTT)

≥99 %, p.a.

CAS No.: 3483-12-3

print date: 01.01.2025

formula:  $C_4H_{10}O_2S_2$

density: 1

storage temperature: +4 °C

molecular weight: 154,2 g/mol

## Guarantee analysis

<b>Appearance</b>	white to light grey, cryst. powder
<b>Assay (iodom.)</b>	≥99 %
<b>pH-value (0,1M, H<sub>2</sub>O)</b>	4.0-6.5
<b>Solution (10 % in H<sub>2</sub>O)</b>	clear, colourless
<b>Oxidized part</b>	≤0.2 %
<b>Melting point</b>	38-44 °C
<b>Heavy metals (as Pb)</b>	≤0.0001 %

## Absorbance:

<b>260 nm</b>	≤0.4
<b>280 nm</b>	≤0.2

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

Head of Quality Assurance

**S. Lorsee**

Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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