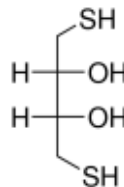


## Certificate of Analysis

Product Name:

1,4-Dithioerythritol -  $\geq 99.0\%$ 

**Product Number:** D8255  
**Batch Number:** SLCP8516  
**Brand:** SIAL  
**CAS Number:** 6892-68-8  
**MDL Number:** MFCD00063750  
**Formula:** C<sub>4</sub>H<sub>10</sub>O<sub>2</sub>S<sub>2</sub>  
**Formula Weight:** 154.25 g/mol  
**Storage Temperature:** Store at 2 - 8 °C  
**Quality Release Date:** 25 OCT 2022  
**Recommended Retest Date:** AUG 2024



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear to Very Slightly Hazy	Clear
50 mg/mL, H <sub>2</sub> O		
Titration with Iodine	$\geq 99.0\%$	99.9 %
<sup>1</sup> H NMR Spectrum	Conforms to Structure	Conforms



Brian Dulle, Supervisor  
Quality Assurance  
St. Louis, Missouri US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

