

Certificate of Analysis

Date of Testing: 2025-08-01 12:20:11

Date of Next Testing: 2029-07-31 12:20:11

Product Name: **1,4-Dithioerythritol**

CAS Number: 6892-68-8

Specifications & Purity: $\geq 99\%$

Lot #: G2529244

SKU #: **D105710**

Version: **1**

Analysis #: **542270**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.84800 %
Melting point	83-86 (°C)	83.09000 °C
Appearance (D105710)	White to Almost white powder to crystal	White to Almost white powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless, Clear to Very Slightly Hazy, 50 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



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