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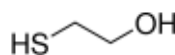
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Product Specification

Product Name:
2-Mercaptoethanol – for molecular biology, for electrophoresis, suitable for cell culture, BioReagent, 99% (GC/titration)

Product Number: M3148
CAS Number: 60-24-2
MDL: MFCD00004890
Formula: C₂H₆OS
Formula Weight: 78.13 g/mol



TEST	Specification
Appearance (Clarity)	Clear
Appearance (Color)	Colorless
Appearance (Form)	Liquid
Proton NMR spectrum	Conforms to Structure
Lead	≤ 5.0 ppm
Copper (Cu)	≤ 1.0 ppm
Iron (Fe)	≤ 1.0 ppm
Zinc (Zn)	≤ 1.0 ppm
DNase, Exonuclease Detection	None Detected
RNAse Detection	None Detected
Electrophoretic Suitability	Suitable
Protease Detection	None Detected
Cell Culture Test	Pass
Solubility (Turbidity) c = 1 mL/mL; Water	Clear
Solubility (Color)	Colorless
Titration by Na ₂ S ₂ O ₃	≥ 98.5 %
Purity (GC)	≥ 99.0 %
Recommended Retest Period 3 Years	-----

Specification: PRD.2.ZQ5.10000011284

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. 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.