

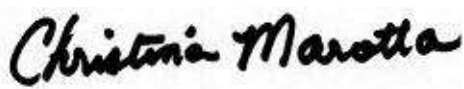
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Certificate of Analysis

Product Description: 2-Mercaptoethanol
Catalog Number: 806443; 806444; 806445
Lot: M7196**Formula:** C₂H₆OS
CAS #: 60-24-2
Physical Description: Clear, Colorless Liquid**Formula Weight:** 78.13
Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥98%	99.8%

APHA Color: 4
Color, Delta E: 0.23
Water: 800 ppm
Mercaptan Sulfur: 40.8 wt%
Water: 159 ppm
Distillation (5%): 156 CEL
Distillation (95%): 157 CEL
pH (0.1M in water): 5.1
2,2- Dithiodiethanol: <0.0 wt%



07/15/2013 - Christina Marotta
MP Biomedicals, LLC.
Technical Director

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