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Certificate of Analysis

Product Description: Triethanolamine Free Base
Catalog Number: 152163
Lot: QR15703

Formula: C₆H₁₅NO₃

CAS #: 102-71-6

Physical Description: Clear, Pale Yellow Liquid

Formula Weight: 149.19

Storage: protect from light, store under nitrogen, 15-30°C desiccate

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥97%	99.9% (TEA)
FTIR	Conforms to Standard	Conforms to Standard
pH (1% aq soln)	9 - 11.5	10.1

Sulfated ash: <0.001%

Color: 24

DEA: 0.04%

Refractive index, 20C: 1.4840

Sp. Grav, 25/25°C: 1.1246

TEA:99.94%

Water: 0.06%

Purity: 99.9% (TEA)

Recommended Retest Date: 06/14/2021

06/18/2018 - John Huang, PhD
MP Biomedicals, LLC.
Quality Control Manager

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