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## Certificate of Analysis

**Product Description:** Ethanolamine, ACS\_  
**Catalog Number:** 193845\_  
**Lot:** SR03047\_

**Formula:** C<sub>2</sub>H<sub>7</sub>NO

**CAS #:** 141-43-5

**Physical Description:** Clear, Pale Yellow Viscous Liquid

**Formula Weight:** 61.08

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

Test	Specification	Result
Assay	≥99.0%	99.95%
Color (APHA)	≤15	5
Iron (Fe)	≤5 ppm	<5 ppm
Heavy Metals (as Pb)	≤5 ppm	<5 ppm
Water	≤0.30%	0.18%

FTIR: Conforms to Standard

Recommended Retest Date (MM/DD/YYYY): 08/05/2023

08/07/2020 - John Huang, PhD

MP Biomedicals, LLC.  
Quality Control Manager

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