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## Certificate of Analysis

**Product Description:** Ethanolamine, ACS\_  
**Catalog Number:** 193845\_  
**Lot:** 1388F\_

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

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

**Physical Description:** Clear, Colorless, Viscous Liquid

**Formula Weight:** 61.08

**Storage:** Room Temperature, desiccate, protect from light, store under nitrogen

Test	Specification	Result
Assay	≥99.0%	99.6%
Color (APHA)	≤15	3
Iron (Fe)	≤5 ppm	<5 ppm
Heavy Metals (as Pb)	≤5 ppm	<5 ppm
Water	≤0.30%	0.2%

  
02/08/2002 - Joseph Dietz, Ph.D.  
MP Biomedicals, LLC.  
Technical Director

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