

Aladdin 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 Aladdin-e.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.

Specification Sheet

Product Name: **Ethylene glycol**
 Specifications & Purity: **Ultrapure BioReagent, ≥99.5% (GC)**
 SKU #: **E431350**

Parameter	Limit Values
Appearance(E431350)	Colorless Liquid
Free carboxylic acid (as ACOH)	0-0.002 (%)
Purity(GC)	99.5-100 (%)
Refractive index n ₂₀ /D	1.430-1.432
Water by Karl Fischer	0-0.1 (%)
Aluminum(Al)	0-5 (ppm)
Barium(Ba)	0-0.1 (ppm)
Bismuth(Bi)	0-0.1 (ppm)
Calcium(Ca)	0-0.5 (ppm)
Cadmium(Cd)	0-0.05 (ppm)
Cobalt (Co)	0-0.02 (ppm)
Chrome(Cr)	0-0.02 (ppm)
Copper(Cu)	0-0.02 (ppm)
Iron(Fe)	0-0.1 (ppm)
Potassium(K)	0-0.5 (ppm)
Lithium(Li)	0-0.1 (ppm)
Magnesium (Mg)	0-0.1 (ppm)
Manganese(Mn)	0-0.02 (ppm)
Molybdenum(Mo)	0-0.1 (ppm)
Sodium(Na)	0-1 (ppm)
Nickel(Ni)	0-0.02 (ppm)
Lead(Pb)	0-0.1 (ppm)
Strontium(Sr)	0-0.1 (ppm)
Zinc(Zn)	0-0.1 (ppm)
Arsenic(As)	0-0.1 (ppm)
Chloride (Cl-)	0-10 (ppm)
Sulfate(SO ₄ ²⁻)	0-10 (ppm)
Residue (filter test)	Pass
UV-ABS.at 260 nm	≤ 0.03
UV-ABS.at 280 nm	≤ 0.01

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Tax ID: 91310000685518645K

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Parameter

Infrared spectrum

Limit Values

Conforms to Structure

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