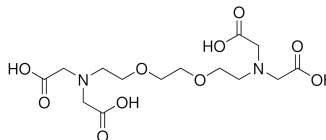


Certificate of Analysis

Product Name : Ethylene glycol-bis(2-aminoethylether)-N,N,N',N'-tetraacetic acid $\geq 97.0\%$
Product Number : E4378-500G
Batch Number : 0000447650
Source Batch : 0000312934
CAS Number : 67-42-5
MDL Number : MFCD00004291
Molecular Formula : $C_{14}H_{24}N_2O_{10}$
Formula Weight : 380.35 g/mol
Recommended Retest Date : Jul 2029
Quality Release Date : 11 Jul 2024



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
10 gm in 90 ml of 1 M NaOH		
Loss on Drying	$\leq 1.0\%$	0.3 %
Infrared Spectrum	Conforms to Structure	Conforms
Titration	$\geq 97.0\%$	97.1 %
Purity by Copper nitrate titration using Cu ++ ion selective electrode.		

Jagodige Yasomanee, Supervisor
Quality Assurance
St. Louis, Dekalb
US

Sigma-Aldrich 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 Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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