Jul 2029

11 Jul 2024

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## **Certificate of Analysis**

Product Name : Product Number : Batch Number : Source Batch : CAS Number : MDL Number : Molecular Formula : Formula Weight : Recommended Retest Date : Quality Release Date : Ethylene glycol-bis(2-aminoethylether)-N,N,N ,N -tetraacetic acid  $\geq$  97.0% E4378-500G 0000447650 0000312934 67-42-5 MFCD00004291 C<sub>14</sub>H<sub>24</sub>N<sub>2</sub>O<sub>10</sub> 380.35 g/mol

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	≤ 1.0 %	0.3 %
Infrared Spectrum	Conforms to Structure	Conforms
Titration	≥ 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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