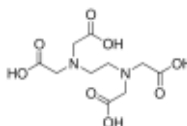


Certificate of Analysis

Product Name:

Ethylenediaminetetraacetic acid - ACS reagent, 99.4-100.6%, powder

Product Number: E9884
Batch Number: BCCM6477
Brand: SIAL
CAS Number: 60-00-4
Formula: C₁₀H₁₆N₂O₈
Formula Weight: 292,24 g/mol
Quality Release Date: 13 JAN 2025
Recommended Retest Date: NOV 2027



Test	Specification	Result
Appearance (Color)	White to Off White	White
Appearance (Form)	Powder	Powder
Titration with EDTA	99.4 - 100.6 %	100.1 %
HPLC	≤ 0.1 %	< 0.1 %
Nitrilotriacetic Acid		
Sulphated Ash	≤ 0.2 %	< 0.1 %
Insoluble Matter	Pass	Pass
< = 0.005 %		
Iron (Fe)	Pass	Pass
< = 0.005 %		
Meets ACS Requirements	Corresponds to Requirements	Corresponds
Calcium (Ca)	≤ 0.001 %	< 0.001 %
(F-AAS)		
Magnesium (Mg)	≤ 5 ppm	< 5 ppm
(F-AAS)		
Heavy Metal	≤ 0.001 %	< 0.001 %
(by ICP-OES)		

Dr. Reinhold Schwenninger
Quality Assurance
Buchs, Switzerland CH

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. 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.

