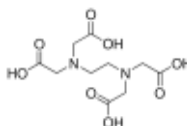


## Certificate of Analysis

Product Name:

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

**Product Number:** E9884  
**Batch Number:** BCCJ0200  
**Brand:** SIAL  
**CAS Number:** 60-00-4  
**Formula:** C<sub>10</sub>H<sub>16</sub>N<sub>2</sub>O<sub>8</sub>  
**Formula Weight:** 292,24 g/mol  
**Quality Release Date:** 18 AUG 2022  
**Recommended Retest Date:** JUL 2025



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

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](http://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.

