

Certificate of Analysis

Product Name:

Ethylenediaminetetraacetic acid tetrasodium salt dihydrate - BioReagent, suitable for cell culture, 98.5-102.0%

Product Number: E6511

Batch Number: BCCJ7610

Brand: SIGMA

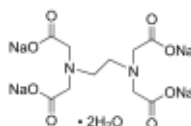
CAS Number: 10378-23-1

Formula: $C_{10}H_{12}N_2Na_4O_8 \cdot 2H_2O$

Formula Weight: 416,20 g/mol

Quality Release Date: 26 JAN 2023

Recommended Retest Date: NOV 2025



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Crystalline Powder or Crystals or Granules	Powder
Titration with EDTA	98.5 - 102.0 %	100.1 %
Solubility (Color)	Colorless	Colorless
Solubility (Turbidity)	Clear	Clear
160 mg/ml in Water		
Loss on Drying	6.6 - 10.6 %	6.6 %
Assay (ICP)	19.7 - 23.0 %	22.4 %
Sodium		
Cell Culture Testing	Corresponds to Requirements	Corresponds
Pass		

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.

