



Version	00
Molecular weight	292.23
Molecular Formula	C10 H16 N2 O8
CAS No	60-00-4
Linear Formula	(HO2CCH2)2NCH2CH2N(CH2CO2H)2
Flash Point (°C)	>100

Certificate of Analysis

Products are processed under ISO 9001:2015 quality management systems and samples are tested for conformance to the noted specifications. Certain data may have been supplied by third parties. We disclaim the implied warranties of merchantability and fitness for a particular purpose, and the accuracy of third party data or information associated with the product. Products are for research and development use only. Products are not for direct administration to humans or animals. It is the responsibility of the final formulator or end user to determine suitability, and to qualify and/or validate each product for its intended use.

Catalog Number	40993	Quality Test / Release Date	12/13/2022
Lot Number	A0448191	Suggested retest date	12/13/2027
Description	Ethylenediaminetetraacetic acid,99.5%,ACS reagent		
Country of Origin	INDIA		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Infrared spectrum	Conforms	Conforms
Titration Complexometric	99.4 to 100.6 %	100 %
Heavy metals (as Pb)	=<10 ppm	=<10 ppm
Residue after ignition	=<0.2 %	=<0.2 % (none detected)
Insoluble matter	=<0.005 % (in dilute NH4OH)	=<0.005 % (in dilute NH4OH)
Nitrilotriacetic acid	=<0.1 % ((HOCOCH4)3N)	0.04 % ((HOCOCH4)3N)
Calcium (Ca)	=<10 ppm	3 ppm
Iron (Fe)	=<50 ppm	=<50 ppm
Magnesium (Mg)	=<5 ppm	1.16 ppm

C. Wygaerts, QA Manager

Issued: 12-14-2022

Acros Organics BV
 ENA23, zone1, nr 1350, Janssen Pharmaceuticaaan 3a, B-2440 Geel, Belgium
 Tel +32 14/57.52.11 - Fax+32 14/59.34.34 Internet: <https://www.thermofisher.com>
 1 Reagent Lane, Fair Lawn, NJ 07410, USA Fax 201-796-1329