



Version	00
Molecular weight	292.23
Quality Test / Release Date	01/25/2018
Molecular Formula	C10 H16 N2 O8
CAS No	60-00-4
Linear Formula	(HO ₂ CCH ₂) ₂ NCH ₂ CH ₂ N(CH ₂ CO ₂ H) ₂
Flash Point (°C)	>100

Certificate of Analysis

This is to certify that units of the above mentioned lot number were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Acros Organics expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Unless otherwise stated, these products are not intended for dialysis, parenteral, or injectable use without further processing. The following are the actual analytical results obtained:

Catalog Number	40993	Quality Test / Release Date	01/25/2018
Lot Number	A0393287		
Description	Ethylenediaminetetraacetic acid, 99.5%, ACS reagent		
Country of Origin	SPAIN		
Declaration of Origin	synthetic		

BSE/TSE comment	
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Chemical Comment	
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Result name	Units	Specifications	Test Value
Appearance (Color)		White	White
Appearance (Form)		Crystalline powder	Crystalline powder
Infrared spectrum		Authentic	Authentic
Titration Complexometric		99.4 to 100.6 %	100 %
Heavy metals (as Pb)		≤10 ppm	≤2 ppm
Residue after ignition		≤0.2 %	0.02 %
Insoluble matter		≤0.005 % (in dilute NH ₄ OH)	≤0.005 % (in dilute NH ₄ OH)
Nitilotriacetic acid		≤0.1 % ((HOCOCH ₄) ₃ N)	≤0.1 % ((HOCOCH ₄) ₃ N)
Calcium (Ca)		≤10 ppm	8 ppm
Iron (Fe)		≤50 ppm	≤5 ppm
Magnesium (Mg)		≤5 ppm	≤1 ppm



A handwritten signature in black ink, which appears to read "L. Van den Broek".

L. Van den Broek, QA Manager

Issued: 01-26-2018

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