

# ThermoFisher

## SCIENTIFIC

Version 00  
 Molecular weight 452.23  
 Molecular Formula C<sub>10</sub> H<sub>12</sub> N<sub>2</sub> Na<sub>4</sub> O<sub>8</sub> · 4 H<sub>2</sub> O  
 CAS No 13235-36-4  
 Linear Formula  
 Flash Point (°C) >100

502808  
E7607

## 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.

<b>Catalog Number</b>	32721	<b>Quality Test / Release Date</b>	07/30/2024
<b>Lot Number</b>	A0462481	<b>Suggested retest date</b>	07/30/2026
<b>Description</b>	Ethylenediaminetetraacetic acid, tetrasodium salt tetrahydrate, 99.5%, for molecular biology, DNase, RNase and Protease free		
<b>Country of Origin</b>	ISRAEL		
<b>Declaration of Origin</b>	synthetic		

<b>BSE/TSE</b>	
<b>Chemical</b>	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder	Crystalline powder
Titration Complexometric	>=99.4 %	99.5 %
Heavy metals (as Pb)	=<10 ppm	=<10 ppm
Iron (Fe)	=<50 ppm	10 ppm
pH	10.7 to 11.7 (0.1 M in water)	11.2 (0.1 M in water)
Solubility	(0.1 M in water) Clear colorless	(0.1 M in water) Clear colorless
UV	(0.1 M in water)	(0.1 M in water)
UV	at 260 nm A: =<1.5	at 260 nm A: =<1.5
UV	at 280 nm A: =<0.06	at 280 nm A: 0.04
Dnase, Rnase, Protease activity	Not detected	Not detected



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