



Version	01
Molecular weight	121.14
Molecular Formula	C4 H11 N O3
CAS No	77-86-1
Linear Formula	(HOCH2)3CNH2
Flash Point (°C)	

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	32736	Quality Test / Release Date	07/20/2023
Lot Number	A0438247	Suggested retest date	07/20/2026
Description	Tris(hydroxymethyl)aminomethane,99.85%,for molecular biology ,DNase, RNase and Protease free		
Country of Origin	ISRAEL		
Declaration of Origin	synthetic		

BSE/TSE	
Chemical	

Result name	Specifications	Test Value
Appearance (Color)	White	White
Appearance (Form)	Crystalline powder or crystals	Crystalline powder
Infrared spectrum	Conforms	Conforms
Titration with HClO4	>=99.80 %	100.00 %
Water	=<1 %	=<1 %
pH	10.0 to 11.7 (5 % at 25°C)	11.1 (5 % at 25°C)
Insoluble matter	=<0.0005 %	=<0.0005 %
Dnase,Rnase,Protease activity	None detected	None detected
Solubility	(10 % in water) Clear and free of haze	(10 % in water) Clear and free of haze
Arsenic (As)	=<5 ppm	=<5 ppm
Copper (Cu)	=<1 ppm	=<1 ppm
Iron (Fe)	=<1 ppm	=<1 ppm
Lead (Pb)	=<1 ppm	=<1 ppm
Magnesium (Mg)	=<1 ppm	=<1 ppm
UV	(0.1 M in water)	(0.1 M in water)
UV	at 260 nm A: =<0.03	at 260 nm A: =<0.01

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