

**neoFroxx GmbH**

Marie-Curie-Str. 3  
 64683 Einhausen  
 +49 6251 989 240  
 coa@neofroxx.com  
 www.neofroxx.com

## Specification

Product	Tris hydrochloride for molecular biology
Product number	1328
Synonyms	2-Amino-2-hydroxymethyl-1,3-propanodiol hydrochloride, Tris-(hydroxymethyl)-Aminomethane hydrochloride, Tromethamine hydrochloride
Formula	C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub> · HCl
Molecular weight	157.60 g/mol
CAS number	1185-53-1
Storage	below 25°C
Retest period (months)	48
Parameter	Specification
Assay (titr.)	>= 99.5 %
Appearance	white crystals
DNases/RNases/Proteases	not detectable
Identity (IR)	corresponds to reference
Solubility (1 M in water)	clear, colorless solution
pH (1 % in water, 20°C)	4.2 - 5
Melting point	149 - 153°C
Water	<= 0.5 %
Loss on drying	<= 0.5 %
Absorbance (UV, 1 M in water)	
260 nm	<= 0.06
280 nm	<= 0.05
Heavy metals (Pb)	<= 0.00005 %
Iron (Fe)	<= 0.00005 %



This document has been produced electronically and is valid without a signature.  
 The information listed above does not release the customer from the obligation of incoming goods inspection.  
 neoFroxx GmbH, Marie-Curie-Str. 3, D-64683 Einhausen

**neoFroxx GmbH**

Marie-Curie-Str. 3

64683 Einhausen

+49 6251 989 240

coa@neofroxx.com

www.neofroxx.com

## Specification

Product	Tris hydrochloride for molecular biology
	Einhausen, 03.07.2024



This document has been produced electronically and is valid without a signature.  
The information listed above does not release the customer from the obligation of incoming goods inspection.  
neoFroxx GmbH, Marie-Curie-Str. 3, D-64683 Einhausen