

## neoFroxx GmbH

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## Specification

Product	Tris for molecular biology
Product number	1115
Synonyms	2-Amino-2-(hydroxymethyl)-propane-1,3-diol, THAM, Tris base, Tris-(hydroxymethyl)-aminomethane, Trometamol, Tromethamine
Formula	C <sub>4</sub> H <sub>11</sub> NO <sub>3</sub>
Molecular weight	121.14 g/mol
CAS number	77-86-1
Storage	below 25°C
Retest period (months)	48

Parameter	Specification
Assay (titr.)	>= 99.9 %
Appearance	white crystalline powder
Appearance of solution	clear and colorless
DNases/RNases/Proteases	not detectable
Absorbance (UV, 40 % in water)	
260 nm	<= 0.03
280 nm	<= 0.02
Melting point	168 - 173°C
Loss on drying (105°C, 3 h)	<= 0.2 %
pH (1 M in water, 20°C)	10.5 - 11.5
Copper (Cu)	<= 0.0001 %
Iron (Fe)	<= 0.0001 %
Lead (Pb)	<= 0.0001 %

Einhausen, 02.07.2024