

neoFroxx GmbH

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Specification

Product	Tris hydrochloride
Brand	BioFroxx

Quality	Buffer grade for biochemistry
Product number	1165
Synonyms	2-Amino-2-hydroxymethyl-1,3-propanodiol hydrochloride, Tris-(hydroxymethyl)-Aminomethane hydrochloride, Tromethamine hydrochloride
Formula	$C_4H_{11}NO_3 \cdot HCl$
Molecular weight	157.60 g/mol
CAS number	1185-53-1
pKa (20°C)	8.3
Melting point	148 - 153°C (dec.)
Storage	below 25°C

Parameter	Specification
Assay (titr.)	min. 99 %
pH (0.5 M in water; 25°C)	3.5 - 5.0
Heavy metals (as Pb)	max. 0.001 %
Water (K.F.)	max. 0.5 %
A (1 cm/1 M in water)	
260 nm	max. 0.06
280 nm	max. 0.05

Einhausen, 17.01.2019