

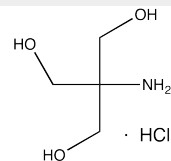
Identification
 $C_4H_{11}NO_3 \cdot HCl$

M = 157,60 g/mol

CAS [1185-53-1]

EC number: 214-684-5

Taric code: 2922 19 80


Synonyms

Tris(hydroxymethyl)aminomethane hydrochloride

Applications

analytical chemistry, for biology, in buffer solutions.

Specifications

assay (argentometric, on dried sample).....min. 99 %

absorbance of an aqueous solution 10 % in a 1 cm cell at 260 nm

max. 0,05 AU

absorbance of an aqueous solution 10 % in a 1 cm cell at 280 nm

max. 0,05 AU

heavy metals (as Pb)..... max. 2 ppm

water (K.F.)..... max. 0,5 %

DNases, RNases, Proteases non detected

Physical data

• Solub. in water: (20 °C): freely soluble

• Melting point: 150 °C

• pH(100 g/l H₂O, 20 °C) 4,2

Transport/storage

• 10°C - 30°C