

Technical Datasheet

Article no.: 8085

Tris for molecular biology (min. 99.9 %)

$C_4H_{11}NO_3$

For laboratory use.

Parameter	Value
CAS-Nr.	77-86-1
Appearance/condition	White, crystalline powder
Melting point	168 – 173 °C
Density	1.353 g/ml
Molar mass	121.14 g/mol
pH (1 M H ₂ O, 20 °C)	10.5 – 11.5
UV absorbance at 260 nm (40 % H ₂ O)	max. 0.03
UV absorbance at 280 nm (40 % H ₂ O)	max. 0.02
UV absorbance at 430 nm (40 % H ₂ O)	max. 0.004 %
Loss on drying (105 °C, 3 h)	max. 0.2 %
Copper (Cu)	max. 0.0001 %
Iron (Fe)	max. 0.0001 %
Lead (Pb)	max. 0.0001 %
DNase, RNase, Protease	not detectable
Storage	rt