


Synonym	2-Amino-2-Hydroxymethyl-1,3-Propanediol, THAM, Tris base, Tris-(Hydroxymethyl)-Aminomethane, Trometamol, Tromethamine
State of matter	Solid
Solubility (20°C)	800 g/L (H ₂ O)
useful pH range	pH 7.2 - 9.0
pK _a (20°C)	8.3
Melting point	168 - 173°C
Formula	C ₄ H ₁₁ NO ₃
Mass	121.14 g/mol
CAS-No.:	77-86-1
EC-No.:	201-064-4
Storage:	RT
LGK:	10 - 13
Disposal:	28
Hazard pictogram(s)	
Hazard statement(s)	H315-H319
Precautionary statement(s)	P302+P352-P305+P351+P338
Signal word	Warning
WGK:	1
Specification:	
Assay (titr.)	min. 99.9 %
pH (1 M; H ₂ O; 20°C)	10.5 - 11.5
Water	max. 0.2 %
Cu	max. 0.0001 %
Fe	max. 0.0001 %
Pb	max. 0.0001 %
A (1 cm/1 M in H ₂ O):	
260 nm	max. 0.03
280 nm	max. 0.02
430 nm	max. 0.004

Order Information

Prod. No.	Description	Quantity
CE9237	Tris	500 g
CE9238	Tris	1000 g
CE9239	Tris	5000 g