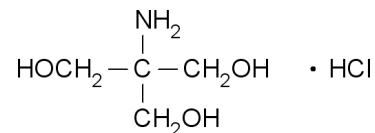


## Specification Sheet

Product No: T818980  
 Product Name: Tris(hydroxymethyl)aminomethane hydrochloride (Tris HCl)  
 CAS: 1185-53-1  
 Formula:  $C_4H_{12}ClNO_3$   
 Formula Weight: 157.6  
 Specification: 用于分子生物学和细胞培养,99%  
 Version: 2025-10-22



Test	Specification	
	Min.	Max.
APPEARANCE	White Crystalline powder or crystals	
Purity (%)	98.5	100
Sodium(Na)	0	50ppm
Calcium(Ca)	0	10ppm
Zinc(Zn)	0	5ppm
Iron(Fe)	0	5ppm
Strontium(Sr)	0	5ppm
Copper(Cu)	0	5ppm
Barium(Ba)	0	5ppm
Aluminum(Al)	0	5ppm
Manganese(Mn)	0	5ppm
Cadmium(Cd)	0	5ppm
Bismuth(Bi)	0	5ppm
Nickel(Ni)	0	5ppm
Potassium(K)	0	50ppm
Molybdenum(Mo)	0	5ppm
Chrome(Cr)	0	5ppm
Sulfate(SO <sub>4</sub> <sup>2-</sup> )	0	50ppm
Arsenic(As)	0	0.1ppm
Magnesium (Mg)	0	5ppm
Lithium(Li)	0	5ppm
Cobalt (Co)	0	5ppm
Lead (Pb)	0	5ppm
Loss on Drying	0	0.2%
Ignition Residue (as sulfate)	0	0.2%
PH (4 M in H <sub>2</sub> O,25°C)	2.5	4
USEFUL PH RANGE	7	9
UV Absorbance 260nm	0	0.06
UV Absorbance 280nm	0	0.06
UV Absorbance 290nm	0	0.05
λ	4 M in H <sub>2</sub> O	
CELL CULTURE TEST	pass	
DNases	none detected	
Phosphatases	none detected	
PROTEASES	none detected	
RNASES	none detected	
Insoluble matter	pass	
Solubility in H <sub>2</sub> O	1M , 20°C, clear, colorless	
Infrared Spectrum	Conforms to Structure	
PROTON NMR SPECTRUM	Conforms to Structure	