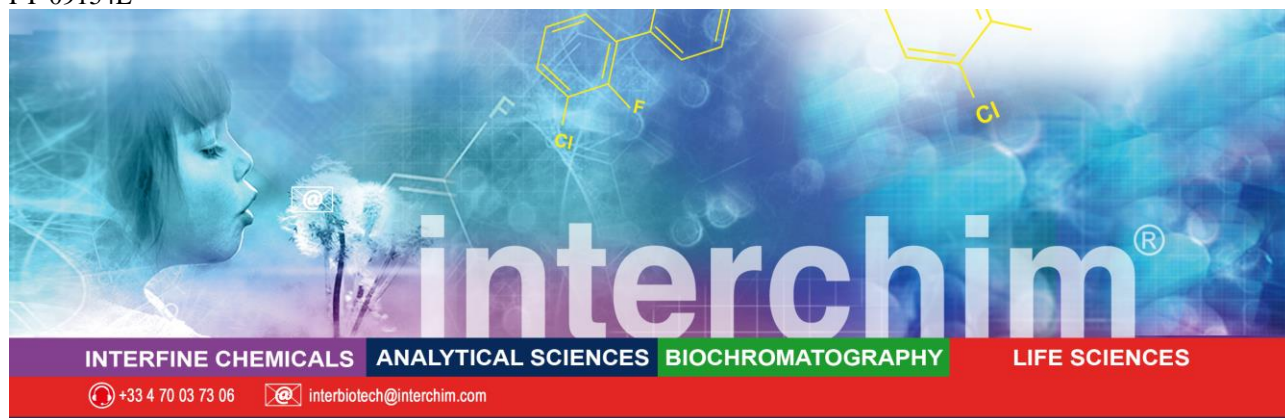
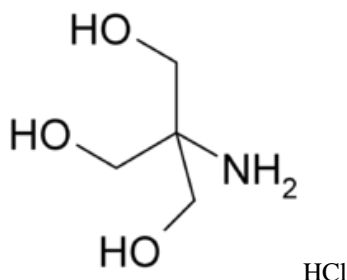


FT-09154E



Tris HCl

Product Description

Name :	Tris, Hydrochloride Molecular Biology grade		Syn.: TRIS; Tromethane; Tromethamine, 2-Amino-2-hydroxymethyl-1 3-propanediol hydrochloride,Tris(hydroxymethyl) aminomethane hydrochloride																					
Catalog Number :	CAS 1185-53-1 UP09154D, 500g UP09154E, 1kg 09154F, 5x1kg																							
Properties	MW 157.6 (as Tris HCl) (121.1 as Tris base) Buffering pH range: 6.5 to 9.7 Meting point: 150-152°C pKa: 8.30 (at 20 °C) - less 0.03 per °C Solubility: 667 mg/mL in water																							
Specifications :	<table><tr><td>Test</td><td>Min.value</td></tr><tr><td>Purity</td><td>> 99.8%</td></tr><tr><td>Moisture</td><td>< 1.0%</td></tr><tr><td>A280 (1.0M, water)</td><td>< 0.05</td></tr><tr><td>Insolubles</td><td>< 0.005%</td></tr><tr><td>Arsenic</td><td>< 0.0005%</td></tr><tr><td>Copper</td><td>0.0001%</td></tr><tr><td>Iron</td><td>< 0.0001%</td></tr><tr><td>Magnesium</td><td>< 0.0001%</td></tr><tr><td>Heavy metals (as Pb)</td><td>< 0.0001%</td></tr><tr><td>DNase, RNase,protease</td><td>none detected</td></tr></table>			Test	Min.value	Purity	> 99.8%	Moisture	< 1.0%	A280 (1.0M, water)	< 0.05	Insolubles	< 0.005%	Arsenic	< 0.0005%	Copper	0.0001%	Iron	< 0.0001%	Magnesium	< 0.0001%	Heavy metals (as Pb)	< 0.0001%	DNase, RNase,protease
Test	Min.value																							
Purity	> 99.8%																							
Moisture	< 1.0%																							
A280 (1.0M, water)	< 0.05																							
Insolubles	< 0.005%																							
Arsenic	< 0.0005%																							
Copper	0.0001%																							
Iron	< 0.0001%																							
Magnesium	< 0.0001%																							
Heavy metals (as Pb)	< 0.0001%																							
DNase, RNase,protease	none detected																							
Storage:	Room temperature (Z) Stable for years Recommended Retest Period /085: 6 years																							

Applications:

Molecular Biology grade Tris Hydrochloride is used to prepare a variety of buffers in the pH range 7.2-9.0. pH increases about 0.03 unit per °C decrease in temperature, and decreases 0.03-0.05 unit per ten-fold dilution.

Tris does not precipitate calcium salts and useful in maintaining the solubility of manganese salts.

Applications: electrophoresis (i.e. preparation of TAE, TBE, TG-SDS buffers)
biochemistry, purification

FT-09154E

Safety information:	(GSH Classification)	(EU <2012)
Danger mention:	Xi (Skin Irritant 2 Eye Irritant 2)	Xi (Toxic)
Signal Word:	Warning	
Hazard Statements:	H315 - Causes skin irritation	R : 36, 37, 38
	H319 - Causes serious eye irritation	
	H335 – May cause respiratory irritation	

See [MSDS](#)

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>.
Please inquire for bulk quantities.

Related products:

Electrophoresis buffers (TAE ,TBE, TG, TG-SDS,...)

For any information, please ask : Uptima / Interchim; Hotline : +33(0)4 70 03 73 06

[Order on-line](#) or [Contact](#) your local distributor

Disclaimer : Materials from Uptima are sold **for research use only**, and are not intended for food, drug, household, or cosmetic uses.
Uptima is not liable for any damage resulting from handling or contact with this product.

Rev.P09E-P07