



TRIS Hydrochloride

Biotech Reagent

Product No. 4106
 Specifications current as of: Jun 8
 2011

TEST	SPECIFICATION
GMP Manufactured Product	
Assay (NH ₂ C(CH ₂ OH) ₃ ·HCl)	min. 99.0 %
Appearance	Passes Test
Absorbance of a 1M Solution:	
260 nm	max. 0.06
280 nm	max. 0.06
400 nm	max. 0.01
Identification (by IR)	Passes Test
Loss on Drying at 105°C	max. 0.5 %
Endotoxin Concentration (EU/g)	max. 2.5
Melting Point	147 - 153 °C.
pH of 0.5M Solution at 25°C	3.5 - 5.0
Trace Impurities (in ppm):	
Arsenic (As)	max. 10
Calcium (Ca)	max. 10
Copper (Cu)	max. 10
Iron (Fe)	max. 10
Lead (Pb)	max. 10
Magnesium (Mg)	max. 10
No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.	
For Laboratory, Research or Manufacturing Use	
Manufactured exclusively for Avantor Performance Materials, Inc., by BioSpectra, Inc., Stroudsburg, PA	