

TRIS Hydrochloride
Biotech Reagent
Made from Tromethamine USP



Material No.: 4106-F9
Revision No.: 0

Product Specification

, GMP Manufactured Product

Test	Specification
Assay ($\text{NH}_2\text{C}(\text{CH}_2\text{OH})_3\cdot\text{HCl}$)	$\geq 99.0\%$
Appearance (colorless crystals to white crystalline powder)	Passes Test
Absorbance of a 1M Solution - 260 nm	≤ 0.06
Absorbance of a 1M Solution - 280 nm	≤ 0.06
Absorbance of a 1M Solution - 400 nm	≤ 0.01
Identification (by IR)	Passes Test
Loss on Drying at 105°C	$\leq 0.5\%$
Endotoxin Concentration (EU/g)	≤ 2.5
Melting Point	147 - 153 °C
pH of 0.5M Solution at 25°C	3.5 - 5.0
Trace Impurities - Arsenic (As)	≤ 10 ppm
Trace Impurities - Calcium (Ca)	≤ 10.0 ppm
Trace Impurities - Copper (Cu)	≤ 10 ppm
Trace Impurities - Iron (Fe)	≤ 10 ppm
Trace Impurities - Lead (Pb)	≤ 10 ppm
Trace Impurities - Magnesium (Mg)	≤ 10 ppm

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Mansford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

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GMP Manufactured Product
CAUTION: For Manufacturing, processing or repackaging
No Class 1,2,3 or other solvents are used or produced in the manufacturing or purification of the product.
Manufactured exclusively for Avantor Performance Materials, LLC., by BioSpectra, Inc., Stroudsburg, PA

Packaging Site: Paris Mfg Ctr & DC



Jamie Ethier
Vice President Global Quality

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