



MP Biomedicals, LLC

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Certificate of Analysis

Product Description: Tris, Technical Grade

Catalog Number: 103132

Lot: R26528

Formula: C₄H₁₁NO₃

CAS #: 77-86-1

Physical Description: White Crystalline Powder

Formula Weight: 121.14

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	≥96%	99.95% (dried, GC)
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	165 - 172°C	170.7°C
pH (5% aq soln)	10 - 11.5	10.7

OD260 nm (5% aq soln): 0.01

Loss on Drying: 0.0%

Solubility (40% aq soln): Clear, Colorless Solution

Residue on Ignition: 0.01%

Heavy Metals (as Pb): 5.0 ppm

Iron (Fe): 0.5 ppm

Assay: 100%

Water: 0.1%

APHA Color: <5

Water Insoluble Matter: <0.001%

A280: 0.00 (10% aq soln)

A430: 0.000 (10% aq soln)

A290: 0.02 (40% aq soln)

Christina Marotta

11/13/2009 - Christina Marotta

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Online Ordering, MSDSs, certificates of analysis and data sheets now available on our web site

Technical Service: 1-800-279-5490 (440-337-1200) Customer Service: 1-800-854-0530 (440-337-1200)