

**MP Biomedicals, LLC**

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Certificate of Analysis

Product Description: Bis-Tris, cell culture reagent

Catalog Number: 194546

Lot: 3148H

Formula: $C_8H_{19}NO_5$

CAS #: 6976-37-0

Physical Description: white powder

Formula Weight: 209.2

Storage: Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	$\geq 99\%$	99.4%
FTIR	Conforms to Standard	Conforms to Standard
Melting Point	101 - 106°C	104.5 - 106°C
pH (1% aq soln)	9 - 10	9.60

Water: 0.63%

Heavy metals: (Pb): 0.0003% max.; (Fe): 0.0004% max.

UV/VIS (0.1M water): 280nm = 0.015 abs; 340nm = 0.005 abs

04/08/2004 - Joseph Dietz, Ph.D.

MP Biomedicals, LLC.

Technical Director

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<http://www.mpbio.com>

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)