

## Certificate of Analysis

**Product Description:** Tris Base\_  
**Catalog Number:** TRIS0500; TRIS01KG; TRIS05KG\_  
**Lot:** R26124\_

**Formula:** C<sub>4</sub>H<sub>11</sub>NO<sub>3</sub>

**CAS #:** 77-86-1

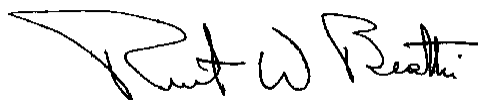
**Physical Description:** White Powder

**Formula Weight:** 121.1

**Storage:** Room Temperature

Test	Specification	Result
Identity Test	Passes	Passes
Purity	>99.8%	99.8%
pH (0.5 M aq soln, 20°C)	10.5 - 11.5	10.7
OD280 nm (0.5 M aq soln, 20°C)	<0.03	0.03
Moisture (KF)	<0.3%	0.07%
Heavy Metals (as Pb)	<0.0005%	<0.00001%
Iron (Fe)	<0.0005%	<0.00001%
RNase, DNase and Protease Free	Passes	Passes
Expiration Date	Month/Day/Year	3/31/2012

Copper : <0.00001%



12/10/2009 - Robert Beattie

MP Biomedicals, LLC.

Technical Director

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