



ISO 9001 CERTIFIED  
ISO 13485 CERTIFIED

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CERTIFICATE OF QUALITY

**Product:** TRIS  
**Grade:** BIOTECHNOLOGY GRADE  
**Code:** 0826  
**Appearance:** White crystalline powder  
**Mol. Formula:** C4H11NO3  
**Mol. Weight:** 121.14

Description:

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Abs. @280nm (1M, Water)		0.05		PASS
Arsenic		< 0.0005	%	PASS
Copper		< 0.0001	%	PASS
DNase		NONE	P/F	PASS
Insolubles		0.005	%	PASS
Iron		< 0.0001	%	PASS
Lead		< 0.0001	%	PASS
Loss on Drying		1.0	%	PASS
Magnesium		0.0005	%	PASS
Protease		NONE	P/F	PASS
Purity	99.8		%	PASS
RNase		NONE	P/F	PASS
Solubility (10%, Water)	PASS		P/F	PASS

Storage: Store at room temperature. Protect from moisture.

0826BIO

This signature indicates that the above material has met all quality specifications and has been reviewed by a quality representative.

Signature:

Title:

QC MANAGER

Date:

6/29/2012