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CERTIFICATE OF QUALITY

Product: TRICINE BUFFER

Grade: ULTRA PURE GRADE

Code: E170

Appearance: White crystalline powder

Mol. Formula: C6H13NO5

Mol. Weight: 179.2

Description:

Assay:		<u>Min</u>		<u>Max</u>	<u>Units</u>	Disposition
DNase				NONE	P/F	PASS
Identification (IR)		PASS			P/F	PASS
Lead			<	0.001	%	PASS
Melting Point		182		188	Degrees C	PASS
pKa @25C		8.1		8.2		PASS
Protease				NONE	P/F	PASS
Purity	>	99.0			%	PASS
RNase				NONE	P/F	PASS
Solubility (10%, Water)		PASS			P/F	PASS

Storage: Store at room temperature. Protect from moisture.

E170UP This signature indicates that the above material has met all quality

specifications and has been reviewed by a quality representative.

Signature: You Crocke

Title: QC MANAGER Date: 6/29/2012