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CERTIFICATE OF QUALITY

Product: BES, FREE ACID

Grade: PROTEOMICS GRADE

Code: M225

Appearance: White crystalline powder.

Mol. Formula: C6H15NO5S

Mol. Weight: 213.2

Description:

Assay:	<u>Min</u>	<u>Max</u>	<u>Units</u>	Disposition
Abs.@260 (10%, Water)		0.05		PASS
Abs.@280 (10%, Water)		0.04		PASS
Assay (Titration)	99.0		%	PASS
DNase		NONE	P/F	PASS
Identification (FTIR)	PASS		P/F	PASS
Loss on Drying		1.0	%	PASS
pKa @25C	7.0	7.2		PASS
Protease		NONE	P/F	PASS
RNase		NONE	P/F	PASS
Solubility (10%, Water)	PASS		P/F	PASS

Storage: Store at room temperature. Protect from moisture.

M225PTM This signature indicates that the above material has met all quality

specifications and has been reviewed by a quality representative.

Signature: You Crocke

<u>Title:</u> QC MANAGER Date: <u>6/4/2012</u>