



ISO 9001 CERTIFIED
ISO 13485 CERTIFIED

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CERTIFICATE OF QUALITY

Product: MOPS, SODIUM SALT
Grade: HIGH PURITY GRADE
Code: E413
Appearance: White powder
Mol. Formula: C7H14NO4S.Na
Mol. Weight: 231.25

Description:

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Abs. @260nm (0.1M, Water)		0.03		PASS
DNase		NONE	P/F	PASS
Heavy Metals		0.005	%	PASS
Identification (IR)	PASS		P/F	PASS
Loss on Drying		1.0	%	PASS
pH (0.1M, Water) @25C	10.0	11.0		PASS
pKa (20C)	7.0	7.4		PASS
Protease		NONE	P/F	PASS
Purity	99.0		%	PASS
RNase		NONE	P/F	PASS
Solubility (0.1M, Water)	PASS		P/F	PASS

Storage: Store at room temperature. Protect from moisture.

E413HPG

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:

6/13/2012