



ISO 9001 CERTIFIED  
ISO 13485 CERTIFIED

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CERTIFICATE OF QUALITY

**Product:** SUCROSE  
**Grade:** PROTEOMICS GRADE  
**Code:** M117

Appearance: Fine white crystals.

Mol. Formula: C12 H22 O11

Mol. Weight: 342.3

Description:

<u>Assay:</u>	<u>Min</u>	<u>Max</u>	<u>Units</u>	<u>Disposition</u>
Chloride		< 0.005	%	PASS
DNase		NONE	P/F	PASS
Glucose		0.1	%	PASS
Heavy Metals (as Pb)		< 0.0005	%	PASS
Identification (IR)	PASS		P/F	PASS
Insolubles		0.005	%	PASS
Invert Sugar		0.1	%	PASS
Iron		< 0.0005	%	PASS
Loss on Drying		0.03	%	PASS
Protease		NONE	P/F	PASS
Purity	99.9		%	PASS
RNase		NONE	P/F	PASS
Solubility (10%, Water)	PASS		P/F	PASS
Specific Rotation	+66.3	+66.8	degrees	PASS
Sulfate		< 0.005	%	PASS

Storage: Store at room temperature. Protect from moisture.

*M117PTM*

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:

7/10/2012