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CERTIFICATE OF QUALITY

Product: SUCROSE

Grade: ULTRA PURE GRADE

Code: 0335

Appearance: Fine white crystals

Mol. Formula: C12H22O11

Mol. Weight: 342.3

Description:

Assay:	<u>Min</u>		<u>Max</u>	<u>Units</u>	Disposition
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.

0335UP This signature indicates that the above material has met all quality

specifications and has been reviewed by a quality representative.

Signature: (You Carolle

<u>Title:</u> <u>QC MANAGER</u> Date: <u>6/29/2012</u>