



CERTIFICATE OF ANALYSIS

Date: 23/01/13

PRODUCT NAME : SUCROSE GR

CAS No : 57- 50- 1
Mol. Formula : $C_{12}H_{22}O_{11}$
Mol. WT : 342.30

Product code : 26300
Batch No : MCR-6256
Mfd. : Jan. 2013

S. R	Test	Specification	Observation
1	Specific rotation [α] ²⁰ _D (10.0% w/v aqueous solution)	+66.4° to +66.6°	+66.5°
2	Insoluble matter	0.003% max	0.002%
3	Loss on drying at 100°C	0.05% max	0.04%
4	Sulphated ash	0.005% max	0.003%
5	Chloride (Cl)	0.0005% max	< 0.0005%
6	Nitrogen compounds(N)	0.002% max	<0.002%
7	Sulphate(SO ₄)	0.002% max	< 0.002%
8	Copper(Cu)	0.0001% max	<0.0001%
9	Iron (Fe)	0.0001% max	< 0.0001%
10	Lead(Pb)	0.0001% max	<0.0001%
11	Reducing suger(C ₆ H ₁₂ O ₆)	0.01% max	<0.01%

REMARK: THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

[Tested By]

[QC Incharge]

HEAD-QUALITY ASSUARANCE
(G.G.Salian)

Note: Computer generated image requires no sign.

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