



**GMP & ISO 9001 Quality System Certified Organization**  
**MANUFACTURER & EXPORTER OF LABORATORY CHEMICALS AND OILS**

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## CERTIFICATE OF ANALYSIS

**Name of Item:** SUCROSE AR

**Formula:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>

**M.W.:** 342.30

**Batch No.:**

**CAS NO.:** 57-50-1

**Cat. No.:** UP4003

**Date of Mfg.:**

**Date of Analysis:**

Type of Test	Standard	Observed
Description	Colorless crystalline powder	Colorless crystalline powder
Specific rotation (α) 20°C (10%aqueous solution)	+66.4°to+66.6°	+66.5°
Insoluble matter	<0.003%	0.002%
Loss on drying at 100°C	<0.05%	0.04%
Sulphated ash	<0.02%	<0.02%
Chloride (Cl)	<0.0005%	0.00048%
Nitrogen compound (N)	<0.002%	0.001%
Sulphate (SO <sub>4</sub> )	<0.002%	<0.002%
Copper (Cu)	<0.0001%	0.00008%
Iron (Fe)	<0.0001%	0.00009%
Lead (Pb)	<0.0001%	<0.0001%
Reducing sugars (C <sub>6</sub> H <sub>12</sub> O <sub>6</sub> )	<0.01%	<0.01%

**Results :** The above product complies with AR grade