

Specification

Technical Data Sheet

CAS**57-50-1****STORAGE****Ambient****MOLECULAR WEIGHT****342.30****PRODUCT****Sucrose AR**

Product number	90036710
CAS number	57-50-1
Molecular formula	C ₁₂ H ₂₂ O ₁₁
Molecular weight	342.30 g/mol

PARAMETER**SPECIFICATION**

Appearance	White crystalline powder
Loss on Drying	≤ 0.05% (105°C, 6hours)
Chloride (Cl-)	≤ 0.005%
Heavy Metals (Pb)	≤ 0.0005%
Identification (RAMAN)	Conforms to reference
Insoluble Matter	≤ 0.005%
Iron (Fe)	≤ 0.0005%
Reducing Sugar	≤ 0.05%
Specific optical rotation	+66.3 to +66.7°
Sulphated Ash	≤ 0.02%
Sulphates (SO₄)(2-)	≤ 0.005%
Titrateable acid, meq/g	≤ 0.0008

**SPECIFICATION
STATEMENT**

The values stated above represent the standard specification for this product, issued under **Molekula Ltd**'s quality management system. Batch-specific results are provided on the Certificate of Analysis.

STORAGE

Store as indicated on the product label, away from light, moisture and incompatible materials.

Molekula Ltd would like to thank you for your support of our products and service.

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