

Specification Sheet

Product Name: **Sucrose**
Specifications & Purity: Ultra pure purity $\geq 99.9\%$; RNase, DNase Free
SKU # **S112226**

Parameter	Limit Values
Insoluble matter in H ₂ O	0-0.005 (%)
Chloride (Cl ⁻)	0-0.005 (%)
Loss on drying(105°C)	0-0.3 (%)
Purity(HPLC)	99.9-100 (%)
Specific Rotation $[\alpha]_{20/D}(c=10 \text{ in H}_2\text{O})$	66.3-67 (°)
Ignition Residue (as sulfate)	0-0.01 (%)
Titration Acid	0-0.0008 (mg/g)
Heavy metal (as Pb)	0-0.0005 (%)
Sulfate(SO ₄ ²⁻)	0-0.005 (%)
Iron(Fe)	0-0.0005 (%)
DNases	none detected
Infrared spectrum	Conforms to Structure
RNases	none detected