

## Certificate Of Analysis

**Product No.** B601472  
**Product Name:** Sucrose  
**CAS NO.** 57-50-1  
**Lot No.**  
**Inspection Date:**  
**Reinspection Date:**

Test	Specification
APPEARANCE	White Powder or Crystals
PURITY(HPLC)	99.5%-100%
INSOLUBLE MATTER	0%-0.005%
Infrared spectrum	Conforms to Structure
DNASE, RNASE AND PROTEASE	none detected
FREE ACID	0mg/gORmeq/g-0.0008mg/gORmeq/g
HEAVY METALS (AS PB)	0ppm-5ppm
IGNITION RESIDUE (AS SULFATE)	0%-0.01%
INVERT SUGAR	0%-0.1%
IRON(Fe)	0ppm-5ppm
LOSS ON DRYING(105°C)	0%-0.03%
MELTING POINT	160-187
Specific rotation $[\alpha]_{20}^D(c = 26\% \text{ in H}_2\text{O})$	+66.3°-+66.8°
SULFATE (SO <sub>4</sub> <sup>2-</sup> )	0ppm-50ppm

