



# Product Specifications

## SUCROSE

<u>Catalog #</u>	<u>Size</u>
IB37160	1Kg

### Physical Specifications

CAS#	57-50-1
Molecular Formula	$C_{12}H_{22}O_{11}$
Molecular weight	342.30
Purity	>99.9%
Solubility (10%, water)	Clear, colorless
Conductivity (50%, water)	<500 $\mu$ mhos
$A_{220-230}$	<0.07
Glucose	<0.1%
Chloride	<0.005%
Sulfate	<0.005%
Iron	<0.0005%
Heavy Metals	<0.0005%
Insolubles	<0.005%

### Molecular Biology Specifications

DNase assay	None Detected
RNase assay	None Detected
Protease assay	None Detected

### Recommended Use

Sucrose is used in rate-zonal centrifugation to separate molecules based on size and conformation.

### Storage

Store at room temperature. Protect from moisture.

### Warning

Avoid contact with eyes, skin and clothing. See Material Safety Data Sheet for additional information.