

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-04-21 18:54:51  
Date of Next Testing: 2027-04-20 18:54:51  
Product Name: **Sucrose**  
CAS Number: 57-50-1  
Specifications & Purity: for plant cell culture  
Lot #: D2315328  
SKU #: **S112237**  
**Analysis:** **020133**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Melting point	185-187 (°C)	186.43000 °C
Purity(HPLC)	99.5-100 (%)	99.54300 %
UV Absorbance 280nm	0-0.15	0.01
UV Absorbance 260nm	0-0.15	0.03
Heavy metal (as Pb)	0-0.0005 (%)	0.00 %
Appearance (S112237)	white powder	White powder
Solubility in H <sub>2</sub> O , 5GM/10ML water,Clear colorless to faint yellow sol	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Plant cell culture test	pass	Pass
λ,100% solution	Pass	Pass



John Su  
QA & QC Manager