

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-08-05 14:41:40

Date of Next Testing: 2029-08-04 14:41:40

Product Name: **Sucrose**

CAS Number: 57-50-1

Specifications & Purity: Moligand™, for plant cell culture

Lot #: H2504486

SKU #: **S112237**

Version: **3**

Analysis #: **547740**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Melting point	185-187 (°C)	186.28000 °C
Heavy metal (as Pb)	0-0.0005 (%)	0.00020 %
Purity(HPLC)	99.5-100 (%)	100.00000 %
Appearance (S112237)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , 5GM/10ML water, Clear colorless to faint yellow sol	pass	Pass
Plant cell culture test	pass	Pass



John Su
QA & QC Manager