

## Certificate of Analysis

Date of Testing: 2025-01-07 18:45:05  
Date of Next Testing: 2029-01-06 18:45:05  
Product Name: **Sucrose**  
CAS Number: 57-50-1  
Specifications & Purity: Moligand™, for cell culture, for insect cell culture, ≥99.5%  
Lot #: L2420896  
SKU #: **S112236**  
Version: **3**  
Analysis #: **438992**

Parameter	Limit Values	Result
Heavy metal (as Pb)	0-0.0005 (%)	0.00%
UV Absorbance 260nm	0-0.15	0.05
UV Absorbance 280nm	0-0.15	0.00
Purity(HPLC)	99.5-100 (%)	99.88900%
Specific Rotation [α] <sub>20</sub> /D(c=10 in H <sub>2</sub> O)	66.3-67 (°)	66.31°
Appearance (S112236)	White powder to crystal	White powder to crystal
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O, soluble 50 mg/mL, clear, colorless	pass	Pass
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass



John Su  
QA & QC Manager