

## Certificate of Analysis

Date of Testing: 2023-06-19 11:31:56  
Date of Next Testing: 2027-06-18 11:31:56  
Product Name: **Succinic acid**  
CAS Number: 110-15-6  
Specifications & Purity: for cell and insect cell culture, ≥99.0%(T)  
Lot #: F23131673  
SKU #: **S108853**  
Analysis: **151685**

Parameter	Limit Values	Result
Purity (T)	98.5-101.5 (%)	99.42%
Appearance (S108853)	white powder	White powder
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
Cell Culture Test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Insect cell culture test	pass	Pass



John Su  
QA & QC Manager