

## Certificate of Analysis

Date of Testing: 2023-11-20 13:21:31  
Date of Next Testing: 2027-11-19 13:21:31  
Product Name: **Succinic acid**  
CAS Number: 110-15-6  
Specifications & Purity: for cell and insect cell culture, ≥99.0%(T)  
Lot #: K2310363  
SKU #: **S108853**  
Analysis: **289714**

Parameter	Limit Values	Result
Purity (T)	98.5-101.5 (%)	99.57%
Solubility in H <sub>2</sub> O , clear colorless , 100mg/ml in water	pass	Pass
Appearance (S108853)	white Powder or Crystals or Granules	White powder or crystals or granules
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager