

## Certificate of Analysis

Date of Testing: 2023-04-26 13:06:08  
Date of Next Testing: 2027-04-25 13:06:08  
Product Name: **mono-Methyl hydrogen succinate**  
CAS Number: 3878-55-5  
Specifications & Purity: 98%  
Lot #: D2318411  
SKU #: **M102991**  
Analysis: **097557**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	102.16 %
Purity(GC)	98-100 (%)	99.66 %
Appearance (M102991)	White Powder or Crystals	White Powder or Crystals
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in EtOH , Colorless,Clear,100mg/ml (10%)	pass	Pass



John Su  
QA & QC Manager