

## Certificate of Analysis

Date of Testing: 2024-07-22 16:17:57  
Date of Next Testing: 2028-07-21 16:17:57  
Product Name: **mono-Methyl hydrogen succinate**  
CAS Number: 3878-55-5  
Specifications & Purity: 98%  
Lot #: G2412437  
SKU #: **M102991**  
Version: **0**  
Analysis #: **377330**

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.20%
Purity (Titration by NaOH)	97.5-102.5 (%)	102.49%
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