

Certificate of Analysis

Date of Testing: 2022-12-23 16:09:57

Date of Next Testing: 2026-12-22 16:09:57

Product Name: **Disodium DL-Malate Hydrate**

CAS Number: 676-46-0

Specifications & Purity: >98.0%(T)

Lot #: L2216746

SKU #: **D154290**

Analysis: **147539**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)(As drybase)	97.5-102.5 (%)	99.20 %
Appearance (D154290)	White to Off-White Powder	White to Off-White Powder
ICP:Confirms Sodium Component	Confirmed	Confirmed
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , almost transparency , 5%	pass	Pass



John Su
QA & QC Manager