

Certificate of Analysis

Date of Testing: 2024-12-14 11:01:32

Date of Next Testing: 2028-12-13 11:01:32

Product Name: **malonic acid**

CAS Number: 141-82-2

Specifications & Purity: $\geq 98\%$

Lot #: L2406644

SKU # **M103513**

Version **0**

Analysis #: **449461**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	97.5-102.5 (%)	99.82 %
Purity(GC)	96-100 (%)	98.00 %
Appearance (M103513)	White Powder or Crystals or Granules or Chunks	White Powder or Crystals or Granules or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1N NaOH , Colorless to yellow,clear to pass slightly hazy100mg/ml		Pass



John Su
QA & QC Manager