

Certificate of Analysis

Date of Testing: 2024-12-14 10:32:16
Date of Next Testing: 2028-12-13 10:32:16
Product Name: **malonic acid**
CAS Number: 141-82-2
Specifications & Purity: $\geq 99\%$
Lot #: L2409700
SKU #: **M305754**
Version: **1**
Analysis #: **439015**

Parameter	Limit Values	Result
Purity (Titration by NaOH)	98.5-101.5 (%)	99.82 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in 1N NaOH , Colorless to yellow,clear to pass slightly hazy100mg/ml		Pass
Appearance (M305754)	White Powder or Crystals or Granules or Chunks	White Powder or Crystals or Granules or Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager