

Certificate of Analysis

Date of Testing: 2023-11-08 15:34:56
Date of Next Testing: 2027-11-07 15:34:56
Product Name: **D-(-)-Tartaric acid**
CAS Number: 147-71-7
Specifications & Purity: reagent grade,99%
Lot #: K2302072
SKU #: **T107140**
Analysis: 293708

Parameter	Limit Values	Result
Enantiometric Excess	99-100 (%)	99.50%
Specific Rotation [α] ₂₀ /D(c=20 in H ₂ O)	-13--11 (°)	-11.43°
Purity(Neutralization titration)	99-101 (%)	99.25%
Appearance (T107140)	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 H ₂ O , Colorless,Clear,100 mg/mL, H ₂ O	pass	Pass



John Su
QA & QC Manager