

Certificate of Analysis

Date of Testing: 2024-08-31 14:27:06
Date of Next Testing: 2026-08-31 14:27:06
Product Name: **DL-Tartaric acid**
CAS Number: 133-37-9
Specifications & Purity: Reagent Grade
Lot #: H2427444
SKU #: **T104048**
Version: **1**
Analysis #: **400224**

Parameter	Limit Values	Result
Water by Karl Fischer	0-5 (%)	0.05 %
specific rotation $[\alpha]_{20/D(C=1 \text{ in water})}$	-2-2 (°)	-0.09300 °
Purity (Titration by NaOH) (anhydrous)	98.5-101.5 (%)	100.29 %
Appearance (T104048)	White to Off-White Granular or Crystalline Powder	White to Off-White Granular or Crystalline Powder
Solubility in H ₂ O , Colorless, Clear, 200 mg/ml	pass	Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager