

## Certificate of Analysis

Date of Testing: 2023-06-29 09:29:26  
Date of Next Testing: 2025-06-28 09:29:26  
Product Name: **DL-Tartaric acid**  
CAS Number: 133-37-9  
Specifications & Purity: Reagent Grade  
Lot #: F2325044  
SKU #: **T104048**  
Analysis: **095610**

Parameter	Limit Values	Result
Purity (Titration by NaOH) (anhydrous)	98.5-101.5 (%)	99.86 %
Water by Karl Fischer	0-5 (%)	0.33 %
Appearance (T104048)	White to Off-White Granular or Crystalline Powder	White to Off-White Granular or Crystalline Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H <sub>2</sub> O , Colorless, Clear, 200 mg/ml	pass	Pass



John Su  
QA & QC Manager