

## Certificate of Analysis

Date of Testing: 2023-03-02 17:37:04  
Date of Next Testing: 2027-03-01 17:37:04  
Product Name: **Citric acid**  
CAS Number: 5949-29-1  
Specifications & Purity: 99.995% metals basis  
Lot #: B2327212  
SKU #: **C112633**  
**Analysis:** **181871**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Based On Trace Metals Analysis)	99.995-100 (%)	100.00 %
Total Metallic Impuritie	0-50 (ppm)	23.00 ppm
Assay(Titration)	99.5-100 (%)	99.79 %
Appearance (C112633)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O , Colorless,Clear,100 mg/mL, pass H2O		Pass



John Su  
QA & QC Manager