

Certificate of Analysis

Date of Testing: 2022-11-08 17:24:58
Date of Next Testing: 2026-11-07 17:24:58
Product Name: **Citric acid monohydrate**
CAS Number: 5949-29-1
Specifications & Purity: ACS, 99.0-102.0%
Lot #: K2204333
SKU #: **C112635**
Analysis: **152521**

Parameter	Limit Values	Result
Phosphate(PO4)	0-0.001 (%)	0.00 %
Chloride (Cl-)	0-0.001 (%)	0.00 %
Assay	99-102 (%)	99.91 %
Iron(Fe)	0-3 (ppm)	1.20 ppm
Sulfate(SO42-)	0-0.002 (%)	0.00 %
Lead(Pb)	0-2 (ppm)	1.00 ppm
Ignition Residue (as sulfate)	0-0.02 (%)	0.00 %
Insoluble matter	0-0.005 (%)	0.00 %
Appearance (C112635)	Colorless or White Powder or Crystals	Colorless or White Powder or Crystals
oxalate (C2O42- , limit about 0.05%)	To pass test	to pass test
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Readily carbonizable substance	pass	Pass



John Su
QA & QC Manager