

F-QC-001 Rev.00

Certificate Of Analysis

Product Name : Citric Acid Monohydrate 99.5 % AR

Catalog Number : O-5065

Batch Number : 5065-00000000

CAS Number : 5949-29-1

Molecular Weight : 210.14 g/mol

Mol. Formula : $C_6H_8O_7 \cdot H_2O$

Expire Date : 60 Months

SAMPLE

No	Test	Specifications	Results
1	Appearance	Colorless crystals or White crystalline powder	White crystalline powder
2	Assay (acidimetric)	99.5 – 102.0 %	100.01%
3	Residu on ignition (at 800 °C)	max 0.02 %	0.01%
4	Insoluble matter (13.2% in water)	max 0.005 %	0.002%
5	Sulphate (SO_4)	max 0.002 %	0.0003%
6	Oxalate ($C_2H_2O_4$)	passes test	Passes test
7	Chloride (Cl)	max 0.001 %	0.0006%
8	Iron (Fe)	max 0.0003 %	0.00004%
9	Phosphate (PO_4)	max 0.001 %	0.0005%
10	Lead (Pb)	max 0.0002 %	0.00001%
11	Substances carbonizable by hot sulfuric acid	passes test	Passes test

Corresponds to AR/ACS Grade

LABOTIQ Standard of Product Reference to Analar standard and ACS specificationSUDIRO S.Si.
Manager QC