

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Specification Sheet

Product Name: **Citric acid monohydrate**  
Specifications & Purity: **BioReagent Plus, ≥99.5%**  
SKU #: **C433027**

Parameter	Limit Values
Appearance(C433027)	White Powder
Solubility(1 M in H <sub>2</sub> O),Clear Colorless	Pass
Purity (Titration by NaOH)	99.5-102.5 (%)
Aluminum(Al)	0-0.0005 (%)
Phosphorus (P)	0-0.001 (%)
Lead (Pb)	0-0.001 (%)
Iron(Fe)	0-0.0005 (%)
Copper(Cu)	0-0.0005 (%)
Zinc(Zn)	0-0.0005 (%)
Calcium(Ca)	0-0.0005 (%)
Magnesium(Mg)	0-0.0005 (%)
Sodium(Na)	0-0.005 (%)
Potassium(K)	0-0.005 (%)
Ammonia (NH <sub>3</sub> )	0-0.05 (%)
Residue on ignition(Ash)	0-0.02 (%)
Insoluble matter	0-0.005 (%)
Chloride Content	0-0.001 (%)
Sulfate(SO <sub>4</sub> )	0-0.002 (%)
Infrared spectrum	Conforms to Structure