

Citric Acid Monohydrate Grade ACS
Synonym: Carboxylic Acid, Hydrogen Citrate

Typical Parameters:

Molecular Formula	C ₆ H ₈ O ₇ .H ₂ O
Molecular Weight	210.14 g/mol
CAS Number	77-92-9
Density	1.665 gm/cm ³
Melting Range	153 °C
Solubility in water	133 g/100 ml at 22 °C



Quality Specifications:

Physical State & Appearance	White Crystalline Solid
Assay:	99.50 to 100.50%
Clarity of 10% Solution	Clear & Colorless
Oxalic Acid	0.050% (max)
Heavy Metals	0.001% (max)
Sulfate	0.015% (max)
Sulfated Ash	0.1% (max)
Residue on Ignition	0.05% (max)

Availability: 25 Kg in Fiber Drums

Freight Classification: Not Regulated

Storage Keep in a tightly closed container. Store in a cool, dry, ventilated area.

(1) Disposal: Dispose of in accordance with local, state, & federal regulations. For assistance with disposal contact NuGeneration Technologies at 888-99-Nugen or e-mail: nicg@nugentec.com.