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Product Specification

Product Name:

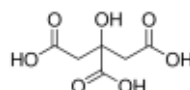
Citric acid - anhydrous, free-flowing, Redi-Dri™, ACS reagent, ≥99.5%

Product Number:

791725

CAS Number:

77-92-9



Formula:

C₆H₈O₇

Formula Weight:

192.12 g/mol

TEST	Specification
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Appearance (Color)

Colorless or White

Appearance (Form)

Powder or Crystals

Infrared spectrum

Conforms to Structure

Titration with NaOH

≥ 99.50 %

Iron (Fe)

≤ 3 ppm

Lead

≤ 2 ppm

Residue on Ignition (Ash)

≤ 0.02 %

Insoluble matter

≤ 0.005 %

C= 13.3%, H₂OSubs Carbonizable by Hot H₂SO₄

Pass

Chloride Content

≤ 0.001 %

Oxalate

Pass

Phosphate (PO₄)

≤ 0.001 %

Sulfur compounds

≤ 0.002 %

Meets ACS Requirements

Current ACS Specification

Specification: PRD.4.ZQ5.10000041770

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

