



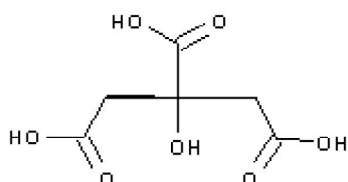
**PRODUCT CODE: 131808**

**Citric Acid anhydrous for analysis, ACS**

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$C_6H_8O_7$

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M.= 192,13

CAS [77-92-9]

EINECS 201-069-1

TARIC 2918 14 00 00

**SYNONYMS:** 2-Hydroxy-1,2,3-Propanetricarboxylic acid

**PHYSICAL DATA:** Small crystals, White, Soluble in water 622 g/l at 20 °C D 1,665 • M.P.: 153 °C • pH(100g/l)1,7 •

**BIBLIOGRAPHY:** Merck Index **13**, 2.350 Sax **CMS750** • Safety **2**, **892 B** • Ullmann (**5.**)**7**, 103 • Beilstein **3**, **556 I**, **194 II**, **359 III**, **1091 IV**, **1272** • BRN 782061 • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •

**HAZARDOUS:** RTECS: GE 7350000 • LD L0 rbt 7g/Kg • LD50 oral mus 5.040 mg/kg • LD50 ipr mus 903 mg/kg



H: H319 •

P: P264 • P280 • P305+P351+P338 • P337+P313 •

**SPECIFICATIONS:**

Minimum assay (Acidim.) 99,5%  
Identity :  
Identity IR passes test

**Maximum limit of impurities**

Insoluble matter in H2O 0,005 %  
Darkened substances by H2SO4 passes test  
Residue on ignition (as SO4) 0,02 %  
Chloride (Cl) 0,001%  
Sulfur compounds (as SO4) 0,002 %  
Phosphate (PO4) 0,001 %  
Oxalate (C2O4) 0,005%  
Water (H2O) 0,5 %  
Heavy metals (as Pb) 0,0005%

As 0,00001 %  
Ba 0,001 %  
Ca 0,0025 %  
Cu 0,00005 %  
Fe 0,0001 %  
Mg 0,0005 %  
Ni 0,0002 %  
Pb 0,0002 %  
Zn 0,0005 %

Ed.: 4 . Vig.: 22.11.2013 .

Prod.: 131808

DOMINIQUE DUTOURIER SAS