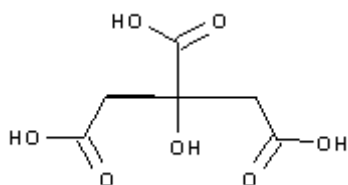




PRODUCT CODE: 131808

Citric Acid anhydrous for analysis, ACS



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 H ₂ O	0,005 %
Darkened substances by H ₂ SO ₄	passes test
Residue on ignition (as SO ₄)	0,02 %
Chloride (Cl)	0,001%
Sulfur compounds (as SO ₄)	0,002 %
Phosphate (PO ₄)	0,001 %
Oxalate (C ₂ O ₄)	0,005%
Water (H ₂ O)	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 %