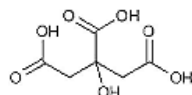


Product Information

CITRIC ACID ANHYDROUS 99,5% AR

2-Hydroxypropane-1,2,3-tricarboxylic acid



Product Code	O-5237	Grade	Analytical Reagent
Purity	99,5%	CAS No	77-92-9
Molecular Formula	C ₆ H ₈ O ₇	Molecular Weight	192,12 g/mol
H.S.Code	2918.1400	Shelf Life	60 Months

Physical Properties

Physical state	Crystalline	Melting Point	153 - 159 °C
Colour	Colourless or white	Solubility in water	1.330 g/l at 20 °C
pH	1,7 at 100 g/l at 20 °C	Density	1,67 g/cm ³ at 20 °C
Auto-Ignition temperature	309 °C at 1.013 hPa	Vapour density	< 0,1 hPa at 25 °C

Packaging

500 g

Specification

Appearance	White to almost white ,fine powder or crystalline powder
Assay (alkalimetric)	99.5 – 100.5 %
Identity (IR Spectrum)	Passes test
Insoluble matter in water	max 0.005 %
Chloride (Cl)	max 0.001 %
Iron (Fe)	max 0.0003 %
Sulphate (SO ₄)	max 0.005 %
Phosphate (PO ₄)	max 0.001 %
Heavy metals (as Pb)	max 0.0005 %
Arsenic (As)	max 0.0001 %
Mercury (Hg)	max 0.0001 %
Lead (Pb)	max 0.0002 %
Oxalate (as C ₂ H ₂ O ₄)	Passes test
Aluminium (Al)	max 0.00002 %
Sulphated ash (600 °C)	max 0.05 %

Substances carbonizable by hot H_2SO_4 passes test
Water (by Karl Fischer) max 0.5 %

Safety Information and Hazard Symbols



Symbol: GHS07

Signal Word: Warning

UN No.: not applicable

IMCO Class No.: not applicable

Packing Group: not applicable

Hazardous Statement: H319-H335

Precaution Statement: P261-P264-P271-P280-P304+P340+P312-P305+P351+P338