

Citric acid anhydrous, For Molecular Biology

MB174


Product Identifier

CAS No.	:	77-92-9
EC No.	:	201-069-1
Molecular Formula	:	C ₆ H ₈ O ₇
Molecular Weight	:	192.12
HS Code	:	2918 14 00
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Colourless or white to almost white hygroscopic crystals or powder or solid or granules
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Chloride (Cl)	:	<= 0.001%
Iron (Fe)	:	<= 0.0003%
Lead (Pb)	:	<= 0.0002%
Oxalate (C ₂ O ₄)	:	Passes test
Phosphate (PO ₄)	:	<= 0.001%
Substances carbonizable by hot sulfuric acid	:	Passes test
Insoluble matter	:	<= 0.005%
Residue after ignition	:	<= 0.02%
Sulfur compounds (as SO ₄)	:	<= 0.002%
Assay (NaOH Titration)	:	>= 99.50%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H319- H335
Precautionary Statement(s)	:	P261- P271- P280- P304 + P340- P305+P351+P338- P403 + P233- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	GE7350000
WGK	:	1

