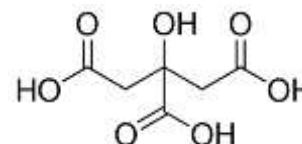


CITRIC ACID ANHYDROUS FOR MOLECULAR BIOLOGY

PRODUCT CODE	922000
SYNONYMS	--
C.I. NO.	--
CASR NO.	77-92-9
ATOMIC OR MOLECULAR FORMULA	C₆H₈O₇
ATOMIC OR MOLECULAR WEIGHT	192.12
PROPERTIES	Store below 30° C



PARAMETER	LIMIT
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Description	A white crystalline powder, colourless crystals or granules.
Solubility	10% solution in water is clear and colourless.
Minimum assay (Acidimetric; calc onanhyd. Sub.)	99.50%
pH (5% in water at 25°C)	1.0 3.0

MAXIMUM LIMIT OF IMPURITIES

Water (K.F.)	1.00%
Arsenic (As)	0.0001%
Barium (Ba)	Passes test.
Calcium (Ca)	0.02%
Chloride (Cl)	0.005%
Heavy metal (as Pb)	0.001%
Iron (Fe)	0.005%
Oxalate (C ₂ O ₄)	Passes test.
Sulfate (SO ₄)	0.015%
Sulphated ash	0.10%
DNase, RNase	None detected.

Note(s): Assay (if applicable) method mentioned.

WARNING

Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation.

Precautionary statements

Prevention: Avoid breathing dust/fume/gas/mist/vapors/spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician if you feel unwell. If eye irritation persists: Get medical advice/attention.

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water. The quantities greater than 10g should be dissolved in water and transferred to heavy metal waste drums for collection by specialist disposal company.

IMDG Code : --
UN No. : --
IATA : --

Hazard Pictogram(s) :



GHS07

Replace date 30-May-2026