

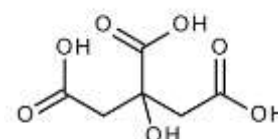


Product Specification

cdhfinechemical.com

CITRIC ACID MONOHYDRATE MEETS TO USP TESTING SPECIFICATIONS

PRODUCT CODE	U09065
SYNONYMS	2-Hydroxy-1, 2, 3- propanetricarboxylic acid monohydrate.
C.I. NO.	--
CASR NO.	(5949-29-1)
ATOMIC OR MOLECULAR FORMULA	$C_6H_8O_7 \cdot H_2O$
ATOMIC OR MOLECULAR WEIGHT	210.14
PROPERTIES	--



PARAMETER LIMIT

Description	Colorless crystals, white granules or crystalline powder.
Solubility	10% solution in water is clear and colourless.
Identification 'A' (by IR)	Meets the requirements
Assay (Acidimetric, Calc. on anhydrous subs.)	99.5 – 100.5%

MAXIMUM LIMIT OF IMPURITIES

Water	7.5 – 9.0%
Residue on ignition	0.1%
Sulphate (S)	0.015%
Oxalic acid	0.036%
Bacterial endotoxin	50 ppm
Clarity of solution	The sample solution shows the same clarity as that of water or its opalescence is not more pronounced than Standard suspension A.
Colour of solution	The sample solution is not more intensely colored than Standard solutions A, B, and C
Readily carbonisable substance	The color of the acid is not darker than that of a similar volume of Matching Fluid K in a matching tube, the tubes being observed vertically against a white background
Sterility Tests	Meets the requirements

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

WARNING Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life.

Precautionary statements

Prevention: Wash hands thoroughly after handling. Wash thoroughly after handling.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs, seek medical advice/attention. If eye irritation persists, get medical advice/attention. Wear eye/face protection. Remove/Take off immediately all contaminated clothing/Wash/Decontaminate removed clothing before reuse. IF ON SKIN: Gently wash with plenty of soap and water.

Disposal: Dispose of contents and container in accordance with relevant legislation.

Hazard Pictogram(s) :



GHS07

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