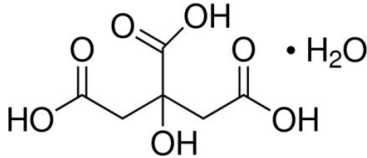



CITRIC ACID MONOHYDRATE FOR HPLC & SPECTROSCOPY

PRODUCT CODE	R01144	
SYNONYMS	--	
C.I. NO.	--	
CASR NO.	(5949-29-1)	
ATOMIC OR MOLECULAR FORMULA	C ₆ H ₈ O ₇ ·H ₂ O	
ATOMIC OR MOLECULAR WEIGHT	210.14	
PROPERTIES	Strongly acid test; Very soluble in water and alcohol, soluble in ether. Combustible.	
PARAMETER	LIMIT	
Description	Colourless crystals/crystalline powder.	
Solubility	10% solution in water is clear and colourless.	
Minimum Assay (Acidimetric)	99.7%	
MAXIMUM LIMIT OF IMPURITIES		
Iron (Fe)	0.0001%	
Lead (Pb)	0.0001%	
Min. transmission of 1 mol/lit soln. in water in 10 mm cuvette at 251 nm (cut off)	10%	
Min. transmission of 1 mol/lit soln. in water in 10 mm cuvette at 280 nm	69%	
Note(s) : Assay (if applicable) method mentioned.		
WARNING		IMDG Code :
Hazard statements: May cause respiratory irritation. Causes skin irritation. Causes serious eye irritation. Toxic to aquatic life.		UN No. :
Precautionary statements		IATA :
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) :--		
 <p>GHS05 GHS07</p>		

Replace Date 1 April 2023

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