



Product Specification

cdhfinechemical.com

ORTHO PHOSPHORIC ACID FOR MOLECULAR BIOLOGY

PRODUCT CODE	970230	
SYNONYMS	--	
C.I. NO.		
CASR NO.	(7664-38-2)	
ATOMIC OR MOLECULAR FORMULA	H ₃ PO ₄	H ₃ PO ₄
ATOMIC OR MOLECULAR WEIGHT	98.00	
PROPERTIES	--	

PARAMETER	LIMIT
Description	A clear viscous liquid, not more than 10 hazen unit in colour.
Solubility	Miscible with water forming clear and colourless solution.
Minimum assay	85.0%
Wt. per ml (at 25°C)	About 1.70 g

MAXIMUM LIMIT OF IMPURITIES	
Chloride (Cl)	0.002%
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.002%
Absorption maxima in 1 M solution	
At 210 nm	0.07
At 220 nm	0.05
At 230 nm	0.04
At 250 nm	0.04
At 500 nm	0.02

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

DANGER Hazard statements: Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage. Harmful to terrestrial vertebrates. Precautionary statements Prevention: Keep only in original container. Do not breathe dust/fume/gas/mist/vapours/spray. Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection. Response: F SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. 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. Immediately call a POISON CENTER or doctor/physician. Rinse mouth. Wash contaminated clothing before reuse. Absorb spillage to prevent material damage.	IMDG Code : 8/III UN No. : 1805 IATA : 8
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Disposal:--

Hazard Pictogram(s) :--



GHS05