

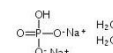


Product Specification

cdhfinechemical.com

DI-SODIUM HYDROGEN ORTHOPHOSPHATE DIHYDRATE AR

PRODUCT CODE	643405
SYNONYMS	(Sodium phosphate dibasic dihydrate)
C.I. NO.	--
CASR NO.	(10028-24-7)
ATOMIC OR MOLECULAR FORMULA	Na₂HPO₄ · 2H₂O
ATOMIC OR MOLECULAR WEIGHT	177.99
PROPERTIES	--



PARAMETER	LIMIT
Description	A white or almost white crystalline powder or colourless crystals.
Solubility	10% solution in water is clear and colourless.
Identification	Passes test.
Minimum assay (Acidimetric;dried substance)	99.5%
pH of (5% soln. in water)	8.8-9.4

MAXIMUM LIMIT OF IMPURITIES	
Loss on drying (at 120°C,4 hours)	18.0-22.0% _s
Reducing substances	Passes test.
Insoluble matter	0.005%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Nitrogen compounds (N)	0.002%
Arsenic (As)	0.0004%
Calcium (Ca)	0.002%
Iron (Fe)	0.001%
Lead (Pb)	0.0005%
Magnesium (Mg)	0.002%
Monosodium phosphate	Passes test.

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

WARNING	IMDG Code : --
Hazard statements: Not hazardous. No hazards.	UN No. : --
Precautionary statements	IATA : --
Prevention: -----	
Response: -----	
Disposal: -----	
Hazard Pictogram(s) : -----	

Replace Date 20-July-2020