

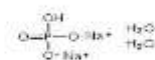


Product Specification

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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	$\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$
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)	8.7-9.4

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (at 120°C,4 hours)	18.0-22.0%
Reducing substances	Passes test.
Insoluble matter	0.005%
Chloride (Cl)	0.001%
Sulphate (SO ₄)	0.005%
Iron (Fe)	0.001%
Heavy metals (Pb)	0.001%

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 30-Sep-2025