

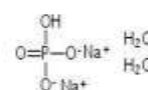


# Product Specification

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## DI-SODIUM HYDROGEN ORTHOPHOSPHATE DIHYDRATE AR

<b>PRODUCT CODE</b>	<b>643405</b>
<b>SYNONYMS</b>	<b>(Sodium phosphate dibasic dihydrate)</b>
<b>C.I. NO.</b>	--
<b>CASR NO.</b>	<b>(10028-24-7)</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>Na<sub>2</sub>HPO<sub>4</sub>·2H<sub>2</sub>O</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>177.99</b>
<b>PROPERTIES</b>	--



### 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 <sub>4</sub> )	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.**

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

Replace Date 18-Mar-2023