

# Technical Specification

**PRODUCT : Sodium phosphate dibasic dihydrate RPE For analysis**

**CODE : 480220**

**MOLECULAR WEIGHT :177,99**

**CAS N° : 10028-24-7**

**FORMULA : Na<sub>2</sub>HPO<sub>4</sub>.2H<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification (I.R.)	-	Positive
Reducing substances	-	Conform
pH (1% solution)	-	9.0 - 9.3
Loss on drying	%	18.5 - 21.5
Loss on calcination	%	25.1 - 25.5
Insoluble in water	ppm	<= 50
Ammonium	ppm	<= 10
Chloride	ppm	<= 10
Fluoride	ppm	<= 3
Sulfate	ppm	<= 50
Heavy metals (as Pb)	ppm	<= 10
As	ppm	<= 1
Fe	ppm	<= 5
Hg	ppm	<= 1
Pb	ppm	<= 1
Sodium dihydrogen phosphate	%	<= 2.5
Assay (potentiometry)	% (d.s.)	98.0 - 100.5

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in