

# Technical Specification

**PRODUCT : Sodium phosphate dibasic dihydrate ERBApharm According to pharmacopoeia : Ph.Eur.-USP**

**CODE : 369180**

**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
Appearance of solution	Ph.Eur.	Conform
Reducing substances	Ph.Eur.	Conform*
Phosphate monosodic	%	<= 2.5*
Water insoluble substances	%	<= 0.4*
Chloride	ppm	<= 400*
Sulfate	%	<= 0.1*
Heavy metals (as Pb)	ppm	<= 20*
As	ppm	<= 4*
Fe	ppm	<= 40*
Loss on drying (130°C)	%	19.5 - 21.0
Assay (potentiometry)	% (d.s.)	98.0 - 100.5

This batch has been released by authorized personnel

\* Parameters marked with \* are tested periodically

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