

# Technical Specification

**PRODUCT : Sodium phosphate dibasic dodecahydrate ERBApharm According to pharmacopoeia : BP-DAB-FU-Ph.Eur.-Ph.Franc.-USP**

**CODE : 369150**

**MOLECULAR WEIGHT :358,14**

**CAS N° : 10039-32-4**

**FORMULA : Na<sub>2</sub>HPO<sub>4</sub>.12H<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	w hite crystals
Identification (I.R.)	-	Positive
Appearance of solution	Ph.Eur.	Conform*
Reducing substances	Ph.Eur.	Conform*
Phosphate monobasic	Ph.Eur.	Conform*
Not soluble matter	%	<= 0.4*
Loss on drying (130°C)	%	57.0 - 61.0
Chloride	ppm	<=200*
Heavy metals (as Pb)	ppm	<=10*
Sulfate	ppm	<=500*
As	ppm	<=2*
Fe	ppm	<=20*
Assay (potentiometry)	% (d.s.)	98.5 - 100.5
Assay (potentiometry)	%	98.5 - 102.5

\* Parameters marked w ith \* are tested periodically

This batch has been released by authorized personnel

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