

Technical Specification

PRODUCT : Sodium phosphate monobasic dihydrate ERBapharm According to pharmacopoeia : Ph.Eur.-USP

CODE : 369130

MOLECULAR WEIGHT :156,01

CAS N° : 13472-35-0

FORMULA : NaH₂PO₄.2H₂O

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification (I.R.)	-	Positive
Appearance of solution	Ph.Eur.	Conform*
Reducing substances	Ph.Eur.	Conform*
Al, Ca and related elements	USP-NF	Conform*
pH (5%w /w solution)	-	4.2 - 4.5*
Water (K.F.)	%	18.0 - 26.5
Loss on drying (130°C)	%	21.5 - 24.0
Chloride	ppm	<= 140*
Heavy metals (as Pb)	ppm	<= 10*
Sulfate	ppm	<= 300*
Not soluble matter	%	<= 0.2*
As	ppm	<= 2*
Fe	ppm	<= 10*
Assay (alcalimetric)	% (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