

# Technical Specification

**PRODUCT : Sodium citrate tribasic dihydrate ERBApharm According to pharmacopoeia : Ph.Eur.-USP-FU-BP-DAB**

**CODE : 368050**

**MOLECULAR WEIGHT :294,1**

**CAS N° : 6132-04-3**

**FORMULA : Na<sub>3</sub>C<sub>6</sub>H<sub>5</sub>O<sub>7</sub>.2H<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification	-	Positive
Appearance of solution	Ph.Eur.	Conform*
Acidity or alkalinity	Ph.Eur.	Conform*
Readily carbonizable substances	Ph.Eur.	Conform*
Tartrate	USP-NF	Conform*
Water (K.F.)	%	11.0 - 13.0
Chloride	ppm	<= 50*
Heavy metals (as Pb)	ppm	<= 10*
Oxalates	ppm	<= 300*
Sulfate	ppm	<= 150*
Assay (protonometric)	% (d.s.)	99.0 - 100.5

## CHARACTERS

Appearance: white or almost white, crystalline powder or white or almost white, granular crystals, slightly deliquescent in moist air.

Solubility: freely soluble in water, practically insoluble in ethanol (96 per cent).

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