

# Technical Specification

**PRODUCT : Ethylenediaminetetraacetic acid disodium salt dihydrate ERBApharm - According to pharmacopoeia : Ph.Eur.-USP**

**CODE : 303220**

**MOLECULAR WEIGHT :372,24**

**CAS N° : 6381-92-6**

**FORMULA : C<sub>10</sub>H<sub>14</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>8</sub>.2H<sub>2</sub>O**

TEST	U.M.	SPECIFICATION
Description	-	White powder
Identification	-	Positive
Appearance of solution	Ph.Eur.	Conform
Ca	USP-NF	Conform*
pH sol. 5% at 25°C	-	4.0 - 5.5*
Loss on drying	%	8.7 - 11.4
Nitritriacetic acid (Impurity A)	%	<= 0.1*
Heavy metals (as Pb)	ppm	<= 20*
Fe	ppm	<= 80
Assay (complexometry)	% (d.s.)	99.0 - 101.0
Assay (complexometry)	%	98.5 - 101.0
Origin (BSE/TSE)	-	Synthesis
Residual solvents (Current ICH)	-	Conform*

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