

Technical Specification

PRODUCT : Citric acid monohydrate RPE For analysis ISO ACS - Reag.Ph.Eur. - Reag.USP

CODE : 403720

MOLECULAR WEIGHT :210.14

CAS N° : 5949-29-1

FORMULA : C₆H₈O₇.H₂O

TEST	U.M.	SPECIFICATION
Description	-	w hite crystals
Identification (I.R.)	-	Positive
Appearance of solution	-	Conform
Subst. darkened by H ₂ SO ₄	-	Conform
Organic volatile impurities	-	Conform
Insoluble in w ater	ppm	<=50
Water (K.F.)	%	7.5 - 8.8
Oxalic acid	ppm	<=350
Sulfated ashes	ppm	<=200
Chloride	ppm	<=10
Phosphate	ppm	<=10
Sulfate	ppm	<=20
Heavy metals (as Pb)	ppm	<=10
As	ppm	<=3
Fe	ppm	<=3
Pb	ppm	<=2
Assay (acidimetric)	% (d.s.)	99.5 - 100.5

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