

# Technical Specification

**PRODUCT : SODIUM BICARBONATE RPE ACS - Reag. Ph.Eur. - Reag. USP**

**CODE : 478530**

**MOLECULAR WEIGHT :84,01**

**CAS N° : 144-55-8**

**FORMULA : NaHCO<sub>3</sub>**

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification	-	Positive
Appearance of solution	-	Conform
Carbonate	-	Conform
Loss on drying	%	<= 0.25
Insoluble in water	ppm	<= 150
Ammonium	ppm	<= 5
Chloride	ppm	<= 30
Phosphate	ppm	<= 10
Sulfate	ppm	<= 150
Total sulphur	ppm	<= 30
Heavy metals (as Pb)	ppm	<= 5
As	ppm	<= 2
Ca	ppm	<= 100
Fe	ppm	<= 10
K	ppm	<= 50
Mg	ppm	<= 50
Assay (alcalimetric)	% (d.s.)	99.7 - 100.3

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