

Technical Specification

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

MOLECULAR WEIGHT : 84,01

CAS N° : 144-55-8

FORMULA : NaHCO₃

TEST	U.M.	SPECIFICATION
Description	-	White crystalline powder
Identification	-	Positive
Appearance of solution	-	Conform
Carbonate	-	Conform
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 inappropriate use.

Date: 20/05/2026

Approved electronically, valid without a signature

**QUALITY LABORATORY
 TECHNICIAN
 MAXIME DAMBRE
 VAL DE REUIL**