



Specification

Concerning Product:	
Article number	144558LPE
Trade name / designation / denomination	Natriumhydrogencarbonat, Ph.Eur.
CAS number	144-55-8
Other names / synonyms	•SODIUM BICARBONATE; •SODIUM BICARBONATE, ACS; •SODIUM BICARBONATE, U.S.P.; •Sodium Bicarbonate; •Sodium Bicarbonate, Powder, BiotechGrade; •Sodium Bicarbonate, Powder, FCC; •Sodium Bicarbonate, Powder, Reagent, ACS; •Sodium Bicarbonate, Powder, USP, EP, BP, JP; •Sodium Hydrogen Carbonate; •Sodium bicarbonate;
EC number	205-633-8
Customs tariff number / CN code / TARIC	28363000
Molecular weight [g / mol]	84.0066
Formula	NaHCO ₃ CHNaO ₃

Parameter	Specification	Unit
Organoleptic test		
Appearance of solution	complies	
Appearance	powder	
Colour	white	
Identity		
Assay	99,0 – 101,0	%
Identification	complies	
Impurities		
Ammonium	≤ 0,0020	%
Heavy Metals (as Pb)	≤ 0,0010	%
Sulphates (SO ₄)	≤ 0,0150	%
Elemental Impurities		
Arsenic (As)	≤ 0,0002	%
Calcium (Ca)	≤ 0,0100	%
Chlorides (Cl)	≤ 0,0150	%
Iron (Fe)	≤ 0,0020	%
Hydrogen (H)	≤ 8,6	

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 27. May. 2020

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