



Specification

Concerning Product:	
Article number	144558VL
Trade name / designation / denomination	Natriumhydrogencarbonat, E 500
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	White, water-soluble powder	
Physical parameter		
Density	Kg/m ³ ≥ 900	g/ml
Substances insoluble	≤ 500	ppm
Loss on drying	≤ 0,25	%
Solubility	Easily soluble in water, almost insoluble in ethanol	
Identity		
Assay	≥ 99,0	%
Impurities		
Ammonium	odorless	%
Heavy Metals (as Pb)	≤ 5	ppm
Impurity	Na ₂ CO ₃ ≤ 1	%
Elemental Impurities		
Arsenic (As)	≤ 2	ppm
Iron (Fe)	≤ 10	ppm
Mercury (Hg)	≤ 1	ppm
Lead (Pb)	≤ 2	ppm
Particle size distribution		
Particles	>100 μm ≥ 60	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 15. Dec. 2021

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