



Specification

Concerning Product:	
Article number	144558MEULY
Trade name / designation / denomination	Natriumhydrogencarbonat, Granulat
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	Grain size (> 150 µm) ≤ 15,0	%
Appearance	Grain size (> 250 µm) 15,0 – 60,0	%
Appearance	Grain size (> 500 µm) ≤ 5,0	%
Appearance	white or almost white crystalline powder	
Physical parameter		
Substances insoluble	complies	
Loss on drying	≤ 0,25	%
pH value	5 %-solution ≤ 8,6	
Identity		
Identification	complies	
Impurities		
Heavy Metals (as Pb)	≤ 5	ppm
Sulphates (SO ₄)	≤ 150	%
Elemental Impurities		
Arsenic (As)	≤ 2	ppm
Calcium (Ca)	≤ 100	ppm
Chlorides (Cl)	≤ 150	ppm
Cobalt (Co)	≤ 0,23	%
Iron (Fe)	≤ 20	ppm
Mercury (Hg)	≤ 1	ppm
Sodium (Na)	99,0 – 100,5	%
Nihonium (Nh)	≤ 20	ppm
Lead (Pb)	≤ 2	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Oct. 2020

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