




Specification

Concerning Product:	
Article number	497198VTRW
Trade name / designation / denomination	Natriumcarbonat schwer, grob
CAS number	497-19-8
Other names / synonyms	•disodium carbonate; •sodium carbonate;
EC number	207-838-8
EC index number	011-005-00-2
Customs tariff number / CN code / TARIC	28362000
Molecular weight [g / mol]	105.98844
Formula	CNa ₂ O ₃
 Causes serious eye irritation. Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.	

Parameter	Specification	Unit
Organoleptic test		
Colour	white	
Physical parameter		
Density	≥ 950	kg/m ³
Form	crystalline powder	
pH value	(@ 10g/L H ₂ O, 20°C): 11,2	
Identity		
Assay	≥ 99,0	%
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Impurity	Na ₂ SO ₄ : ≤ 300	ppm
Elemental Impurities		
Calcium (Ca)	≤ 100	ppm
Iron (Fe)	≤ 15	ppm
Magnesium (Mg)	≤ 100	ppm
Nutritional data		
Salt (as NaCl)	≤ 0,25	%
Particle size distribution		
Particles	< 100 μm ≥ 97	%
Particles	< 1250 μm ≤ 3	%

Supplemental information:

Storage conditions: Sodium carbonate easily absorbs moisture from the air and solidifies in the process. After about 2 months, there is a risk of clumping. Store in a cool and dry place. Stacking of the pallets is not recommended due to the risk of caking.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 19. Feb. 2021

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