




## Specification

Concerning Product:	
Article number	497198CRW
Trade name / designation / denomination	Natriumcarbonat schwer, calciniert
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 <sub>2</sub> O <sub>3</sub>
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Causes serious eye irritation.	
Wash thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection.	

Parameter	Specification	Unit
<b>Organoleptic test</b>		
Appearance	white powder	
<b>Physical parameter</b>		
Density	2,533 – 2,533	g/ml
Loss on drying	@ 250°C, 2h: ≤ 0,3	%
pH value	(1% in water) 11,26 – 11,26	
Solubility	(water, 20°C) 214 – 214	g/kg
<b>Identity</b>		
Melting Point (identity)	851 – 851	°C
<b>Elemental Impurities</b>		
Calcium (Ca)	Calcium oxide 0 – 150	ppm
Iron (Fe)	Iron(III) oxide 0 – 20	ppm
Magnesium (Mg)	Magnesium oxide 0 – 120	ppm
Sodium (Na)	Sodium carbonate ≥ 99,5	%
Sodium (Na)	Sodium chloride 0,0 – 0,15	%
Sodium (Na)	Sodium sulphate 0,0 – 0,02	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Feb. 2022

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