



Spezifikation

Produktbezug:	
Produktnummer	144558MEULV
Handelsname / Bezeichnung	Natriumhydrogencarbonat, Pulver
CAS Nummer	144-55-8
Andere Bezeichnungen / Synonyme	•Natriumbicarbonat; •Natriumhydrogencarbonat; •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;
EG Nummer	205-633-8
Zolltarifnummer / CN-Code	28363000
Molekulargewicht [g/mol]	84.0066
Formel	NaHCO ₃ CHNaO ₃

Parameter	Spezifikation	Einheit
Physikalische Parameter		
Form (Aggregatzustand)	extra feines weisses Pulver	
Unlösliche Anteile	klar und farblose Lösung	
Trocknungsverlust	≤ 0,25	%
pH-Wert	5 %-Lösung ≤ 8,6	
Löslichkeit	löslich in Wasser, unlöslich in Alkohol	
Identifikation		
Gehalt	99,0 – 100,5	%
Identifizierung	entspricht	
Verunreinigungen		
Sulphat (SO ₄)	≤ 150	ppm
Verunreinigung	> 125 µm ≤ 2,0	%
Verunreinigung	> 250 µm ≤ 0,2	%
Verunreinigung	> 63 µm ≤ 25,0	%
Elementare Verunreinigungen		
Arsen (As)	≤ 2	ppm
Calcium (Ca)	≤ 100	ppm
Chloride (Cl)	≤ 150	ppm
Eisen (Fe)	≤ 20	ppm
Quecksilber (Hg)	≤ 1	ppm
Nihonium (Nh)	≤ 20	ppm
Blei (Pb)	≤ 2	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 13. Oct. 2020

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