




Spezifikation

Produktbezug:	
Produktnummer	497198ML
Handelsname / Bezeichnung	Natriumcarbonat wasserfrei Pulver Lebensmittelqualität
CAS Nummer	497-19-8
Andere Bezeichnungen / Synonyme	•Dinatriumcarbonat; •Natriumcarbonat; •disodium carbonate; •sodium carbonate;
EG Nummer	207-838-8
EG-Index-Nummer	011-005-00-2
Zolltarifnummer / CN-Code	28362000
Molekulargewicht [g/mol]	105.98844
Formel	CNa ₂ O ₃
 -/-, ,	
Verursacht schwere Augenreizung. Nach Gebrauch gründlich waschen. Schutzhandschuhe/Schutzkleidung/Augenschutz/Gesichtsschutz tragen.	

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Farbe	weiß	
Geruch	geruchlos	
Physikalische Parameter		
Dichte	0,48 – 0,60	g/ml
Form (Agregatzustand)	Pulver	
Unlösliche Anteile	in H ₂ O: ≤ 200	ppm
Trocknungsverlust	≤ 0,50	%
Löslichkeit	in Ethanol: unlöslich	
Löslichkeit	in Wasser: leicht löslich	
Identifikation		
Gehalt	Na ₂ CO ₃ : ≥ 99,0	%
Gehalt	Na ₂ O: ≥ 57,9	%
Identifizierung	entspricht	
Verunreinigungen		

Verunreinigung	Fe ₂ O ₃ : ≤ 30	ppm
Verunreinigung	Na ₂ SO ₄ : ≤ 400	ppm
Verunreinigung	NaCl: ≤ 0,30	%
Verunreinigung	NaHCO ₃ : ≤ 0,70	%
Elementare Verunreinigungen		
Arsen (As)	≤ 1	ppm
Cadmium (Cd)	≤ 1	ppm
Cobalt (Co)	≤ 1	ppm
Chrom (Cr)	≤ 1	ppm
Kupfer (Cu)	≤ 1	ppm
Fluor (F)	≤ 15	ppm
Quecksilber (Hg)	≤ 1	ppm
Mangan (Mn)	≤ 1	ppm
Nickel (Ni)	≤ 1	ppm
Blei (Pb)	≤ 1	ppm
Titanium (Ti)	≤ 1	ppm
Vanadium (V)	≤ 1	ppm
Partikelgrößenverteilung		
Partikel	125 - 425 µm: ≤ 33	%*
Partikel	425 - 2800 µm: ≤ 3	%*
Partikel	63 - 125 µm: ≥ 42	%*
Partikel	< 63 µm: ≤ 22	%*
Partikel	> 2800 µm: ≤ 1	%*
Partikel	Ø 80 – 120	µm

Anmerkung:

* nur als typischer Wert verfügbar

Zusätzliche Angaben:

Entspricht der Monographie: E 500(i)

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 10. Jun. 2020

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