



Spezifikation

Produktbezug:	
Produktnummer	298146VL
Handelsname / Bezeichnung	Kaliumhydrogencarbonat E 501ii
CAS Nummer	298-14-6
Andere Bezeichnungen / Synonyme	•Kalium Bicarbonat E 501; •Kaliumbicarbonat; •Kaliumhydrogencarbonat; •Potassium bicarbonate; •potassium hydrogen carbonate; •potassium hydrogencarbonate;
EG Nummer	206-059-0
Zolltarifnummer / CN-Code	28364000
Molekulargewicht [g/mol]	100,12
Formel	KHCO ₃ CHKO ₃

Parameter	Spezifikation	Einheit
Sensorische Prüfung		
Aussehen	farblose oder weiße Kristalle	
Physikalische Parameter		
Trocknungsverlust	≤ 0,25	%
pH-Wert	≤ 8,6	
Löslichkeit	frei löslich in Wasser, unlöslich in Ethanol	
Identifikation		
Gehalt	99 – 101	%
Verunreinigungen		
Verunreinigung	Chloride (wie KCl) ≤ 0,02	%
Verunreinigung	Eisenoxid (Fe ₂ O ₃) ≤ 0,001	%
Verunreinigung	Sulphate (wie K ₂ SO ₄) ≤ 0,04	%
Verunreinigung	Wasserunlösliche Stoffe ≤ 0,01	%
Elementare Verunreinigungen		
Arsen (As)	≤ 3,0	ppm
Quecksilber (Hg)	≤ 1,0	ppm
Blei (Pb)	≤ 2,0	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 30. May. 2023

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