



Spezifikation

Produktbezug:	
Produktnummer	584087V01
Handelsname / Bezeichnung	Kaliumcarbonat (min. 99,5%) LM, E 501
CAS Nummer	584-08-7
Andere Bezeichnungen / Synonyme	•Kaliumcarbonat; •dipotassium carbonate; •potassium carbonate;
EG Nummer	209-529-3
Zolltarifnummer / CN-Code	28364000
Molekulargewicht [g/mol]	138,21
Formel	K ₂ CO ₃ CK ₂ O ₃
Verursacht Hautreizungen. Verursacht schwere Augenreizung. Kann die Atemwege reizen. BEI KONTAKT MIT DEN AUGEN: Eventuell Vorhandene Kontaktlinsen nach Möglichkeit entfernen. Weiter ausspülen. Einige Minuten lang behutsam mit Wasser ausspülen. Mit viel Wasser und Seife waschen.	

Parameter	Specification	Unit
Sensorische Prüfung		
Aussehen	weißes, feines Granulat	
Physikalische Parameter		
Unlösliche Anteile	in H ₂ O: abwesend	
Trocknungsverlust	≤ 0,5	%
Trocknungsverlust	(180 °C / 4h) ≤ 0,5	%
Identifikation		
Gehalt	≥ 99,5	%
Identifizierung	Carbonat: entspricht	
Identifizierung	Kalium: entspricht	
Verunreinigungen		
Cyanid	≤ 0,5	ppm
Schwermetalle (als Pb)	≤ 3	ppm
Sulphat (SO ₄)	≤ 50	ppm
Verunreinigung	(KOH) ≤ 0,2	%
Verunreinigung	Kaliumchlorat (KClO ₃) ≤ 300	ppm
Verunreinigung	Natriumcarbonat ≤ 1,15	%
Elementare Verunreinigungen		
Arsen (As)	≤ 0,5	ppm
Calcium (Ca)	≤ 100	ppm
Chloride (Cl)	≤ 30	ppm
Eisen (Fe)	≤ 2	ppm
Quecksilber (Hg)	abwesend	
Blei (Pb)	≤ 0,5	ppm

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 17. Apr. 2026

LF-Basis: (2022-10-13)

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