



Specification

Concerning Product:	
Article number	584087VL
Trade name / designation / denomination	Kaliumcarbonat E501 Potassium Carbonate
CAS number	584-08-7
Other names / synonyms	•dipotassium carbonate; •potassium carbonate;
EC number	209-529-3
Customs tariff number / CN code / TARIC	28364000
Molecular weight [g / mol]	138,21
Formula	K ₂ CO ₃ CK ₂ O ₃
Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes. Wash with plenty of soap and water.	

Parameter	Specification	Unit
Physical parameter		
Acidity/Alkalinity	KOH: ≤ 0,2	%
Substances insoluble	in H ₂ O: ≤ 100	mg/kg
Loss on drying	≤ 0,5	%
Identity		
Assay	K ₂ CO ₃ : ≥ 99	%
Impurities		
Sulphates (SO ₄)	≤ 100	mg/kg
Impurity	Potassium hydroxide: ≤ 0,2	%
Elemental Impurities		
Chlorides (Cl)	≤ 250	mg/kg
Iron (Fe)	≤ 5	mg/kg
Sodium (Na)	Na ₂ CO ₃ : ≤ 0,5	%

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 19. Jul. 2019

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