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POTASSIUM CARBONATE CALCINATED – K₂CO₃ min.99,0%

CHEMICAL SPECIFICATION

Chemical parameters & Physical properties	K ₂ CO ₃ Calcinated min. 99,0 %	Typical result of analyses
1. K ₂ CO ₃ mass content, %, min.	99.0	99.6
2. Sodium mass content (as Na ₂ CO ₃), %, max .	0.3	0.20
3 Chloride mass content (as Cl ⁻), %, max .	0.015	< 0.010
4. Sulphate mass content (as SO ₄ ²⁻), %, max .	0.15	< 0.10
5. Iron mass content (as Fe ₂ O ₃), %, max .	0.0005	0.0005
6. Aluminium mass content (as Al ₂ O ₃), %, max .	0.08	0.045
7. Chromium mass content (as Cr ₂ O ₃), %, max .	0,0005	0.0001
8. Insoluble residue mass content, %, max .	0.015	0.010
9. Loss on ignition mass content (500 °C), %, max .	1.0	0.2
Notes: Norms of items No. 1-8 are given on calcinated substance		

10. Granulometric composition for calcinated Potassium carbonate min. 99,0 %	
particle size < 2.5 mm, %, max .	99
particle size < 0.1 mm, %, max .	10

