

Potassium Carbonate 99%

POTASSIUM CARBONATE powder

Chemical parameters & Physical properties	Calcinated
	Standard
K ₂ CO ₃ %, minimum	99,0
Na ₂ CO ₃ %, maximum	0,3
Chloride-ion mass content %, maximum	0,015
Sulphate-ion mass content %, maximum	0,15
Iron mass content (as Fe ₂ O ₃), %, maximum	0,0010
Aluminium mass content (as Al ₂ O ₃), %, maximum	0,080
Insoluble residue mass content, %, maximum	0,015
Particle size, mesh: <u>>2,5mm, %, maximum</u> <u>>0,1mm, %, maximum</u>	<u>2</u> <u>20</u>
<p>1. The norm of item 1-6 are data from calculation on ignited substances (the sample is being ignited with temperature 500 -520°C till the substance become constant).</p> <p>2. For the determination of insoluble residue mass content 10-20 grm of potassium carbonate is being dissolving in 200-300 <i>sm</i>³ of water which is brought to boil (100°C), then is being boiled till the complete decomposition. The settled solution to be filter and wash in water which is boiled till the occultation of alkaline reaction. The remainder with filter is being ignited with temperature 800-850°C till the substance become constant.</p>	