

## Potassium Carbonate 99 - 100% Granular K<sub>2</sub>CO<sub>3</sub>

Chemical Identity	Potassium carbonate Potash granular K <sub>2</sub> CO <sub>3</sub>
CAS-No.	0584-08-07
EINECS-No.	209-529-3
Molar Mass	138.206 g/mol
Appearance	white granules
Packaging	Silo car, Big Bags 1t on paletts, PE-Bags 25 kg on paletts 1t, special packaging on request

### Physical Data

Property	Value (approx.)	Unit
Density	2.4	g/cm <sup>3</sup>
Melting point	890	°C
Solubility in 100g H <sub>2</sub> O at 20°C	110	g
Solubility in 100g H <sub>2</sub> O at 60°C	127	g

### Specified Values

Item	Value	Unit	Method
Total alkalinity as K <sub>2</sub> CO <sub>3</sub>	99 - 100	%	Titrimetry
Potassium hydroxide	≤ 0.15	%	Titrimetry
Sodium	≤ 0.25	%	AES
Chloride	≤ 20	mg/kg	Titrimetry
Sulfate	≤ 50	mg/kg	Ion Chromatography
Iron	≤ 5	mg/kg	Photometry
Silicon	≤ 20	mg/kg	Photometry
Heavy metals as Lead	≤ 1	mg/kg	AAS / ASV
Loss on drying	≤ 0.8	%	Gravimetry

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