

# Specification

Item number: P743

## Potassium carbonate

≥99 %, p.a., ACS

CAS No.: 584-08-7

print date: 16.01.2024

formula:  $K_2CO_3$

density: 2,43

molecular weight: 138,21 g/mol

### Guarantee analysis

<b>Assay (acidim, dry substance)</b>	≥99,0 %
<b>In H<sub>2</sub>O insoluble matter</b>	≤0,01 %
<b>Loss on drying (300 °C)</b>	≤1,0 %
<b>Nitrogen compounds (as N)</b>	≤0,001 %
<b>Sulphur compounds (as SO<sub>4</sub>)</b>	≤0,004 %
<b>Chloride (Cl)</b>	≤0,003 %
<b>Phosphate (PO<sub>4</sub>)</b>	≤0,001 %
<b>Silicate (SiO<sub>2</sub>)</b>	≤0,005 %
<b>Aluminium (Al)</b>	≤0,001 %
<b>Arsenic (As)</b>	≤0,0001 %
<b>Lead (Pb)</b>	≤0,0005 %
<b>Calcium (Ca)</b>	≤0,005 %
<b>Iron (Fe)</b>	≤0,0005 %
<b>Copper (Cu)</b>	≤0,0005 %
<b>Magnesium (Mg)</b>	≤0,002 %
<b>Sodium (Na)</b>	≤0,02 %
<b>Nickel (Ni)</b>	≤0,0005 %
<b>Heavy Metals (ICP-OES)</b>	≤0.0005 %

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

**Dr. R. Niemand**

Head of Quality Assurance

**S. Lorsee**

Head of Quality Management

*This document is computer printout and has therefore not been signed by hand.*

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