

# Technical Datasheet

Article no.: 1666

Potassium carbonate anhydrous, p. a., ISO, Ph. Eur. (min. 99,0 %)

$K_2CO_3$

For laboratory use.

| Parameter                    | Value            |
|------------------------------|------------------|
| CAS no.                      | 584-08-7         |
| Appearance/condition         | Colourless solid |
| Melting point                | 891 °C           |
| Density                      | 2,43 g/ml        |
| Molar mass                   | 138,21 g/mol     |
| Assay                        | min. 99 %        |
| Aluminium (Al)               | max. 0,001 %     |
| Arsenic (As)                 | max. 0,0001 %    |
| Calcium (Ca)                 | max. 0,002 %     |
| Copper (Cu)                  | max. 0,0005 %    |
| Iron (Fe)                    | max. 0,0005 %    |
| Magnesium (Mg)               | max. 0,001 %     |
| Sodium (Na)                  | max. 0,05 %      |
| Lead (Pb)                    | max. 0,0005 %    |
| Chloride (Cl)                | max. 0,002 %     |
| Phosphate (PO <sub>4</sub> ) | max. 0,001 %     |
| Silicate (SiO <sub>2</sub> ) | max. 0,003 %     |
| Nitrogen (N)                 | max. 0,001 %     |
| Sulfate (SO <sub>4</sub> )   | max. 0,003 %     |
| Non Soluables in Water       | max. 0,005 %     |

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