

**Potassium hydrogen carbonate, for analysis, ExpertQ®, Reag. Ph  
Eur****Identification**

KHCO<sub>3</sub>  
M = 100,12 g/mol  
CAS [298-14-6]  
EC number: 206-059-0  
Taric code: 2836 40 00

**Synonyms**

Potassium bicarbonate

**Applications**

in food industry, effervescent salt.

**Specifications**

assay (acidimetric).....	min. 99,5 %	aluminium (Al).....	max. 0,0005 %
chlorides (Cl).....	max. 0,001 %	calcium (Ca).....	max. 0,0005 %
phosphates and silicates (as SiO <sub>2</sub> ).....	max. 0,001 %	heavy metals (as Pb).....	max. 0,0005 %
sulfates (SO <sub>4</sub> ).....	max. 0,001 %	iron (Fe).....	max. 0,0005 %
total nitrogen (as N).....	max. 0,001 %	sodium (Na).....	max. 0,02 %

**Physical data**

- Appearance: crystals, white
- Spec. Density: 2,17 g/cm<sup>3</sup>
- Bulk density: ~ 900 - 1100 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 224 g/l
- Melting point: 292 °C
- pH(50 g/l H<sub>2</sub>O, 20 °C) ~ 8,0 - 8,6

**Transport/storage**

- 10°C - 30°C