

**Potassium hydrogen carbonate, for analysis, ExpertQ®, Reag. Ph
Eur****Identification**KHCO₃

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 %
chlorides (Cl)..... max. 0,001 %
phosphates and silicates (as SiO₂)..... max. 0,001 %
sulfates (SO₄)..... max. 0,001 %
total nitrogen (as N)..... max. 0,001 %

aluminium (Al)..... max. 0,0005 %
calcium (Ca)..... max. 0,0005 %
heavy metals (as Pb)..... max. 0,0005 %
iron (Fe)..... max. 0,0005 %
sodium (Na)..... max. 0,02 %

Physical data

- Appearance: crystals, white
- Spec. Density: 2,17 g/cm³
- Bulk density: ~ 900 - 1100 kg/m³
- Solub. in water: (20 °C): 224 g/l
- Melting point: 292 °C
- pH(50 g/l H₂O, 20 °C) ~ 8,0 - 8,6

Transport/storage

- 10°C - 30°C