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Product Specifications

KCl

Catalogue Number 30080

Product **Potassium chloride**

CAS Number 7447-40-7

Molecular Formula KCl

Molecular Weight 74.55

Appearance Colorless or white solid

Solubility 35 g in 100 mL at 20 °C in water

Melting Point 773 °C (Approx.)

Heavy Metals ≤ 5 ppm (as Pb)

Anion
Iodide (I⁻) : ≤ 0.002%
Bromide (Br⁻) : ≤ 0.01%
Chlorate and nitrate (as NO₃⁻) : ≤ 0.003%
Phosphate (PO₄³⁻) : ≤ 5 ppm
Sulfate (SO₄²⁻) : ≤ 0.001%

Cation
Barium (Ba) : To pass test
Iron (Fe) : ≤ 3 ppm
Calcium (Ca) : ≤ 0.002%
Magnesium (Mg) : ≤ 0.001%
Sodium (Na) : ≤ 0.005%

pH 5.4 - 8.6 (5% solution at 25 °C)

Insoluble material ≤ 0.005%

Assay by titration 99.0 - 100.5%

Grade ACS reagent

Storage Store at RT

For Laboratory Use Only