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Product Specifications



Catalogue Number	01246
Product	Potassium carbonate, anhydrous
CAS Number	584-08-7
Molecular Formula	K_2CO_3
Molecular Weight	138.21

Warnings	<i>Hygroscopic!</i>
Appearance	White solid
Solubility	112 g in 100 mL at 20 °C
Melting Point	891 °C (Approx.)
Heavy Metals	≤ 5 ppm (as Pb)
Sulfur Compounds	≤ 0.004% (as SO ₄)
Silicate (SiO₂)	≤ 0.005%
Anion	Chloride (Cl ⁻) : ≤ 0.003% Phosphate (PO ₄ ³⁻) : ≤ 0.001%
Cation	Iron (Fe) : ≤ 5 ppm Calcium (Ca) : ≤ 0.005% Magnesium (Mg) : ≤ 0.002% Sodium (Na) : ≤ 0.02%
Insoluble material	≤ 0.01%
Assay by titration	≥ 99% (Acid - Base titrimetry)
Grade	ACS reagent
Storage	Store at RT

For Laboratory Use Only