

Product Datasheet

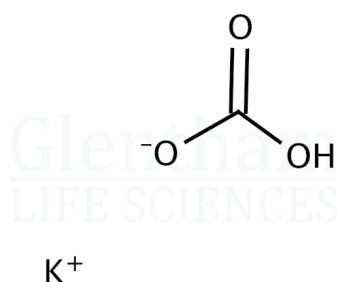
GK1196 - Potassium hydrogen carbonate

Product Details

Product Name	Potassium hydrogen carbonate
Glenthams Code	GK1196
CAS Number	298-14-6
EINECS	206-059-0
Numéro MDL	MFCD00011402
PubChem SID	310279153
Related Categories	Biochemicals, Buffers

Structure

Molecular Weight : 100.12
Molecular Formula : KHCO_3



Physical Description	: White crystalline powder or colourless crystals
Solubility (5% in water)	: Clear, colourless solution
pH (5% in water)	: 8.0 - 8.6
Chloride (Cl)	: $\leq 10\text{ppm}$
Sulphate (SO_4)	: $\leq 20\text{ppm}$
Iron (Fe)	: $\leq 10\text{ppm}$
Calcium (Ca)	: $\leq 20\text{ppm}$
Arsenic (As)	: $\leq 1\text{ppm}$
Heavy Metals (as Pb)	: $\leq 3\text{ppm}$
Sodium (Na)	: $\leq 0.025\%$
Ammonium	: $\leq 20\text{ppm}$
Loss on Drying	: $\leq 0.2\%$
Assay	: 99.0 - 101.0 % (as KHCO_3)
Pharmacopoeia Specification(s)	: BP, EP
Version	: v1.1

About Potassium hydrogen carbonate

No further details on record.

Storage

Recommended storage temperature: $+20^\circ\text{C}$.

Hazards and Transport

Not classified as hazardous under CLP.
Not classified as dangerous for transport.

Glenthams Product Specification

This document was generated electronically and is therefore valid without signature. © Glenthams Life Sciences Ltd, 2025