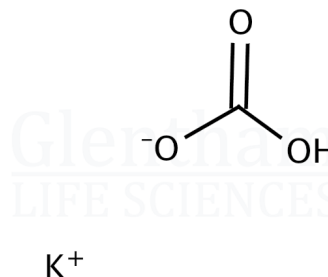


## Product Specification

Product Name	Potassium hydrogen carbonate
Glentham Code	GK1196
CAS Number	298-14-6
EINECS	206-059-0
MDL Number	MFCD00011402
PubChem SID	310279153
Molecular Weight	100.12
Molecular Formula	$\text{KHCO}_3$
Storage Temp.	+20°C



Property	Specification
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 ( $\text{SO}_4$ )	$\leq 20\text{ppm}$
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 $\text{KHCO}_3$ )
Pharmacopoeia Specification(s)	BP, EP

Specification Version	- v1.1
Date Created	- 2021-10-28

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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