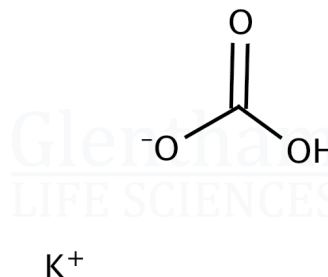


Product Specification

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	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 (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

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 or contact us using the details above for the current version of this document.

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