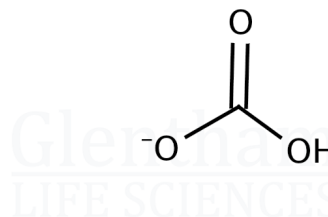


## Certificate of Analysis

Product Name	Potassium hydrogen carbonate
Glentham Code	GK1196
CAS Number	298-14-6
EINECS	206-059-0
MDL Number	MFCD00011402
PubChem SID	310279153
Batch Number	269KQV
Molecular Weight	100.12
Molecular Formula	$\text{KHCO}_3$
Storage Temp.	+20°C



$\text{K}^+$

Property	Specification	Batch 269KQV
Physical Description	White crystalline powder or colourless crystals	White crystalline powder
Solubility (5% in water)	Clear, colourless solution	Clear, colourless solution
pH (5% in water)	8.0 - 8.6	8.2
Chloride (Cl)	$\leq 10\text{ppm}$	Conforms
Sulphate (SO <sub>4</sub> )	$\leq 20\text{ppm}$	Conforms
Iron (Fe)	$\leq 10\text{ppm}$	Conforms
Calcium (Ca)	$\leq 20\text{ppm}$	Conforms
Arsenic (As)	$\leq 1\text{ppm}$	Conforms
Heavy Metals (as Pb)	$\leq 3\text{ppm}$	Conforms
Sodium (Na)	$\leq 0.025\%$	0.012%
Ammonium	$\leq 20\text{ppm}$	Conforms
Loss on Drying	$\leq 0.2\%$	$\leq 0.01\%$
Assay	99.0 - 101.0 % (as $\text{KHCO}_3$ )	100.3%
Pharmacopoeia Specification(s)	BP, EP	Conforms

Specification Version	v1.1
Manufacture Date	2020-04-01
Re-Test Date	2029-10-07

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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