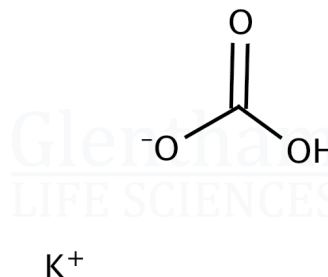


## Certificate of Analysis

Product Name	Potassium hydrogen carbonate
Glenthams 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	KHCO <sub>3</sub>
Storage Temp.	+20°C



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)	≤ 10ppm	Conforms
Sulphate (SO <sub>4</sub> )	≤ 20ppm	Conforms
Iron (Fe)	≤ 10ppm	Conforms
Calcium (Ca)	≤ 20ppm	Conforms
Arsenic (As)	≤ 1ppm	Conforms
Heavy Metals (as Pb)	≤ 3ppm	Conforms
Sodium (Na)	≤ 0.025%	0.012%
Ammonium	≤ 20ppm	Conforms
Loss on Drying	≤ 0.2%	≤ 0.01%
Assay	99.0 - 101.0 % (as KHCO <sub>3</sub> )	100.3%
Pharmacopoeia Specification(s)	BP, EP	Conforms

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

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

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