

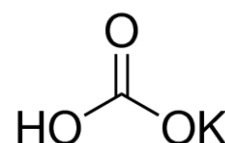


Product Specification

cdhfinechemical.com

POTASSIUM BICARBONATE

PRODUCT CODE	029616
SYNONYMS	(potassium hydrogen carbonate)
C.I. NO.	--
CASR NO.	(298-14-6)
ATOMIC OR MOLECULAR FORMULA	KHCO₃
ATOMIC OR MOLECULAR WEIGHT	100.12
PROPERTIES	Almost insoluble in alcohol.



PARAMETER	LIMIT
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Description	Colourless crystals or white granular powder .
Solubility	10% solution in water is clear and colourless.
Identification	Passes tests.
Assay (Acidimetric; on dried basis)	99.5 – 100.0%
pH of (5% solution in water)	8.0 – 8.6

MAXIMUM LIMIT OF IMPURITIES

Loss on drying (on Silica gel)	0.3%
Chloride (Cl)	0.007%
Carbonate	Passes test.
Sulphate (SO ₄)	0.01%
Ammonium (NH ₄)	0.002%
Arsenic (As)	0.0002%
Calcium (Ca)	0.005%
Copper (Cu)	0.0005%
Heavy metals	0.0005%
Iron (Fe)	0.001%
Sodium (Na)	0.5%
Zinc (Zn)	0.0025%

Note(s) : Assay (if applicable) method mentioned.

WARNING

Hazard statements : Causes eye irritation.

Precautionary statements

Prevention : Wash hands thoroughly after handling.

Response : If eye irritation persists, get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

IMDG Code :

UN No. :

IATA :

Disposal: Dissolve the chemical to be disposed, in water and allow it to run to waste, diluting with large quantities of water.

Hazard Pictogram(s) :-----

Revised Date 21-09-2016