



Product Specification

Product Name: POTASSIUM HYDROGEN CARBONATE AR

Alternate Name(s) Potassium bicarbonate; potassium acid carbonate; baking soda.

Description

Colourless transparent crystals or white powder; odourless; slightly alkaline salty taste.

Properties

Chemical Formula: KHCO_3

Molecular Weight: 100.12

Product Code: PA007

CAS No. 298-14-6

General Information:

Almost insoluble in alcohol. Non combustible material. See MSDS for further safety information.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CHB9

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Melting Point (decomposes)	100-120 °C
Solubility in Water (@ 20 °C)	224 g/l
Specific Gravity	2.17 g/ml
Chlorides (Cl)	≤ 0.015%
Sulfates (SO ₄)	≤ 0.01%
Heavy metals (as Pb)	≤ 0.0005%
Calcium (Ca)	≤ 0.005%
Iron (Fe)	≤ 0.001%
Sodium (Na)	≤ 0.02%

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