

WENTONG POTASSIUM SALT GROUP CO., LTD.

22F, WENTONG BUILDING, NO. 739, KUNMING ROAD, YANGPU, SHANGHAI

TEL: 86-21-80179166 FAX: 86-21-80179292 EMAIL: wentong@wentong.com

TECHNICAL DATA SHEET

Chemical name: Potassium Bicarbonate

Synonyms: potassium hydrogen carbonate, Potassium acid carbonate

Molecular formula: KHCO_3

Molecular weight: 100.11

Density: 2.17

CAS No.: 298-14-6

Standard: HG/T 2828-2010

Property: White crystal, stable in the air, easily soluble in water, presenting weakly alkaline solution, hardly soluble in ethanol.

Application: Mainly used as the raw material for chemicals and pharmaceuticals ext.

Packing: 25/50KG net per PP woven bag with inner polyethylene film bag.

Storage: Stored in a cool and dry area, keep away from rain and moisture.

Quality standard:

| ITEM | STANDARD |
|--|----------|
| Content(KHCO_3), % (on dry basis) \geq | 98.0 |
| Water insolubles, % (on dry basis) \leq | 0.05 |
| Chloride(KCl), % (on dry basis) \leq | 0.05 |
| Sulfate(K_2SO_4), % (on dry basis) \leq | 0.04 |
| Ferric Oxide(Fe_2O_3), % (on dry basis) \leq | 0.003 |
| Potassium (K), % (on dry basis) \geq | 37.5 |
| PH value (100g/L solution) \leq | 8.6 |

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