

Potassium Bicarbonate

Potassium bicarbonate for qualified leavening, buffering and formulation applications.

CAS No. 298-14-6	EC / List No. 206-059-0	Transport Non-dangerous goods
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Product Information

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Specifications

Parameter	Specification
Appearance	White crystals
Assay, dry basis	99.0–101.5 %
Lead	<2 mg/kg
Loss on drying	<0.25 %
Arsenic	<1 mg/kg
Cadmium	<1 mg/kg
Mercury	<1 mg/kg

Grade-specific supply limits. The agreed specification and batch COA govern delivery.

Typical Properties

Property	Typical Value
Molecular formula	KHCO ₃
Molecular weight	100.12 g/mol

Applications

Food leavening systems: Ingredient for qualified acid-balanced leavening formulations.

Buffering and pH adjustment: Potassium salt for technically supervised buffering and pH adjustment.

Potassium-containing ingredient blends: Material for selected permitted potassium-containing blends.

Packaging / Storage

Item	Information
Packing	25 kg or 50 kg PP woven bags with food-grade PE liners
Storage	Store tightly closed in a cool, dry, well-ventilated place. Protect from moisture and contamination; segregate from acids and incompatible chemicals. Keep food-grade liners intact.
Handling	Provide effective ventilation during powder transfer. Wear suitable protective gloves, safety goggles and work clothing. Avoid airborne dust, ingestion and unnecessary skin or eye contact.

Company Contact

Supplier	Hainan Zhongxin Chemical Co., Ltd. (ZXCHEM)
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