



Changsha RuiYang Material Co., Ltd.
长沙金睿洋新材料有限公司

Technical Data Sheet

Ammonium Bicarbonate

Product: Ammonium Bicarbonate

Molecular Formula: NH_4HCO_3

Molecular Weight: 79.06 g/mol

Cas No.: 1066-33-7

Density: 1.58 g/cm³

UN No. Non-hazardous for transport (decomposes > 60 °C)

HS Code: 28369990

CHEMICAL ANALYSIS

Item	Indicators		Analysis Result
	Excellence in goods	First grade	
Purity (NH_4HCO_3)	≥99.0%	≥98.5%	99.4%
Nitrogen (N)	≥17.0%	≥16.5%	17.4%
Chloride (Cl)	≤0.05%	≤0.10%	0.03%
Sulfate (SO_4)	≤0.05%	≤0.10%	0.03%
Iron (Fe)	≤10 ppm	≤20 ppm	6 ppm
Heavy metals (as Pb)	≤10 ppm	≤20 ppm	6 ppm

Chemical Properties

Chemical Properties: White crystalline powder with faint ammonia odor. Density: 1.58 g/cm³.

Changsha RuiYang Material Co., Ltd.

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