



## Technical Data Sheet

**Chemical Name:** Ammonium Bicarbonate

**Synonyms:**

**Molecular Formula:**  $\text{NH}_4\text{HCO}_3$

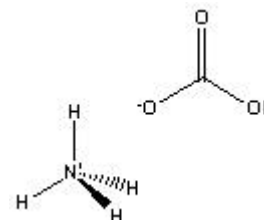
**Molecular Weight:** 79.0554

**CAS Number:** 1066-33-7

**EINECS Number:** 213-911-5

**Properties:** White crystalline powder with specific gravity of 1.573. It readily solves in water and glycerin, while does not solve in alcohol, carbon bisulfide and strong aqua ammonia.

**Quality Standards:** GB1888-1998 / FCC IV



<u>Items</u>	<u>Specification</u>
$\text{NH}_4\text{HCO}_3$	99.2 ~ 101.0%
Chloride (as Cl)	≤0.003%
Sulphate (as $\text{SO}_4$ )	≤0.007%
Ash	≤0.008%
Arsenic (as As)	≤0.0002%
Heavy Metals (as Pb)	≤0.0005%

**Package:** 25kg PP woven bags with PE liner. Gross weight: 25.1kg

**Usage:** Food Grade Ammonium Bicarbonate is mainly used as sponging agent for baking foods such as crisp cake, biscuit, etc. In addition, it is also widely used in chemical field such as flour whitening, rare earth intensive processing, medical intermediates processing, plastics processing, electronic element processing, etc.