

Ammonium hydrogen carbonate

(Ammonium bicarbonate)

Extra Pure

(NH₄)HCO₃

M= 79.06 g/mol

Specification

Assay		98.0 - 101.0	%
Solubility		Conforms	
Description		Conforms	
Identification		Conforms	
Chloride	≤	0.003	%
Sulphate	≤	0.005	%
Heavy metals	≤	0.003	%
pH	~	8.0	
Nonvolatile residue	≤	0.05	%

Product Code: 1.2340.

Technical Information

Formula:	CH ₅ NO ₃
Chemical formula:	(NH ₄)HCO ₃
Density:	1.586 g/cm ³
Molar mass:	79.06 g/mol
CAS number:	1066-33-7
HS code:	28361000
EC number:	213-911-5
Storage (temperature):	at +2 °C to +25 °C
SDS	available
RTECS:	BO8600000
R phrase:	R 22
Odour:	Slightly of ammonia
Form:	solid
Color:	colourless
pH value:	~ 8 (50 g/l 20 °C)
Solubility in water:	220 g/l (20 °C)
Solubility in ethanol:	insoluble
Melting point:	106 °C
Vapour pressure:	67 hPa (20 °C)
Thermal decomposition:	~ 60 °C

Glass Bottles	
5	gr
10	gr
25	gr

Plastic Container	
100	gr
500	gr
800	gr

Plastic Container	
1	kg
5	kg
10	kg

