

## Ammonium hydrogen carbonate, Hi-AR™

**GRM1201**


### Product Identifier

CAS No.	:	1066-33-7
EC No.	:	213-911-5
Molecular Formula	:	(NH <sub>4</sub> )HCO <sub>3</sub>
Molecular Weight	:	79.06
Synonym	:	Ammonium bicarbonate, Hi-AR™
HS Code	:	2836 99 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

Appearance	:	White crystals or powder or chunks
Solubility	:	33.3 mg soluble in 1 mL of water
Calcium (Ca)	:	<= 0.002%
Chloride (Cl)	:	<= 0.0002%
Copper (Cu)	:	<= 0.0002%
Water insoluble matter	:	<= 0.003%
Iron (Fe)	:	<= 0.0001%
Lead (Pb)	:	<= 0.0002%
Magnesium (Mg)	:	<= 0.002%
Phosphate (PO <sub>4</sub> )	:	<= 0.001%
Potassium (K)	:	<= 0.002%
Sodium (Na)	:	<= 0.005%
Sulfate (SO <sub>4</sub> )	:	<= 0.002%
Assay (NaOH-back Titration)	:	99.00 - 101.00%

### Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Warning
Hazard Statement(s)	:	H302
Precautionary Statement(s)	:	P264- P270- P301 + P312- P330- P501
UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	BO8600000
WGK	:	1