

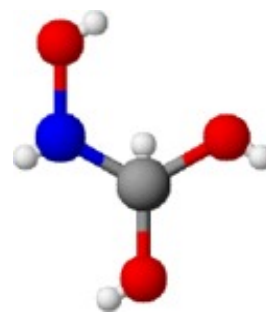
A0073NN Gold Line

Typical analysis

Assay	min 30%
Arsenic (As)	0.0001%
Chloride (Cl)	0.003%
Insoluble matter	0.005%
Iron (Fe)	0.0003%
Lead (Pb)	0.0001%
Residue on ignition	0.05%
Sulphate (SO ₄)	0.003%

Packaging

500g white plastic jar



Physical properties, composition and data

Chemical formula	NH ₄ HCO ₃ ·NH ₂ or COO.NH ₄
Chemical group	Carbonates
Synonym	Ammonium sesquicarbonate; Baker's ammonia; Crystal ammonia; Hartshorn; Sal volatile
Mixture	Ammonium bicarbonate and ammonium carbamate
Atomic weight	157.13
Appearance	Colourless, hard, translucent, crystalline lumps, white cubes or powder
Odour	Strong ammonia odour
Solubility	Soluble slowly in four parts water
Melting point	58°C and then sublimes
Boiling point	Decomposes
pH (aqueous solution)	9.4
Incompatible substances	Acid salts, alkaloids, alum, salts of zinc and iron, tartar emetic and colomel
Products of decomposition	Produces ammonia and carbon dioxide
Other information	Deteriorates by natural causes

Laboratory preparation, applications and practices

Laboratory preparation	Sublimation of ammonium sulphate and calcium carbonate
Usage	Analytical reagent

Storage and handling information

Storage	Keep container tightly closed in a cool place separated from incompatible substances
Disposal methods	2

Transport regulations

Tariff code	2836.10.00
ECB number	233-786-0

