



Product Specification

Product Name: AMMONIUM CARBONATE AR

Alternate Name(s) Crystal ammonia; ammonium sesquicarbonate; hartshorn; hartshorn salt;
Description salt of hartshorn.

Colourless crystalline plates or white powder; unstable in air. Strong odour of ammonia; sharp ammonical taste.

Properties

Chemical Formula:

Molecular Weight: 96.09

Product Code: AA013

CAS No. 506-87-6

General Information:

The carbamate portion dissolves in alcohol. Incompatible with acids and acid salts, salts of iron and zinc, alkalioids, alum, calomel and tartar emetic.

Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH0W

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

Quality Specification

Assay: 30.0% min. (as NH₃)

Specific Properties and Impurities [Typical levels]:

Identification	Passes test
Insoluble matter	≤ 0.005%
Non volatile matter	≤ 0.01%
Chloride (Cl)	≤ 0.0005%
Sulfur compounds (as S)	≤ 0.002%
Heavy metals (as Pb)	≤ 0.0005%
Iron (Fe)	≤ 0.0005%

CONFORMS TO ACS.

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