

Ammonium carbonate, for analysis, ExpertQ®, ACS**Identification**

$\text{NH}_4\text{HCO}_3 + \text{NH}_4\text{NH}_2\text{COO}$
CAS [10361-29-2]
EC number: 233-786-0
Taric code: 2836 10 00

Synonyms

Salt of hartshorn

Applications

manufacture of dyes, in the rubber industry, analytical chemistry.

Specifications

| | | | |
|--|---------------|--|---------------|
| assay (acidimetric, NH_3)..... | min. 30,0 % | copper (Cu)..... | max. 0,0025 % |
| identity (IR-spectrum)..... | passes test | heavy metals..... | max. 5 ppm |
| appearance of solution..... | passes test | iron (Fe)..... | max. 5 ppm |
| insoluble in water..... | max. 0,005 % | lead (Pb)..... | max. 0,001 % |
| chlorides (Cl)..... | max. 0,0005 % | zinc (Zn)..... | max. 0,0025 % |
| arsenic (As)..... | max. 3 ppm | sulphur compounds (as SO_4)..... | max. 0,002 % |
| calcium (Ca)..... | max. 0,01 % | residue on ignition..... | max. 0,05 % |

Physical data

- Appearance: crystals or powder, white
- Solub. in water: (20 °C): soluble
- Melting point: 58 °C (decomposes)
- pH(100 g/l H_2O , 20 °C) 9,4
- Hygroscopic

Safety - GHS

Signal Word: Warning

Hazard Statements:

H302: Harmful if swallowed.

**Precautionary Statements:**

- P264: Wash thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
- P330: Rinse mouth.
- P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

Transport/storage

- 15°C - 25°C