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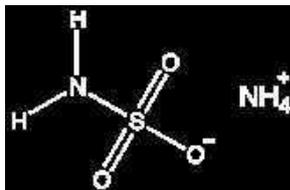
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AMMONIUM AMIDOSULFONATE

AM0395 Ammonium amidosulfonate, ExpertQ®, for analysis, ACS, for determination of sulfonamides in blood



- Synonyms: Ammonium sulfamate, Amidosulfonic acid ammonium salt, Sulfanic acid ammonium salt
- $\text{NH}_4\text{NH}_2\text{SO}_3$
- M = 114,12 g/mol
- CAS [7773-06-0]
- EINECS-No.: 231-871-7
- Solub. in water: (20 °C): soluble
- Melting point: ~ 133 °C
- LD 50 (oral, rat): 3900 mg/kg
- Tariff number: 2842 90 90 00
- Applications: analytical chemistry, for the determination of sulfamides in blood.

assay (acidimetric) min. 99 %
 insoluble in water max. 0,02 %
 melting point 132 - 134°C
 chlorides (Cl) max. 0,001 %
 nitrates (NO_3) max. 0,002 %
 sulfates (SO_4) max. 0,02 %
 heavy metals (as Pb) max. 5 ppm
 iron (Fe) max. 5 ppm
 residue on ignition (as SO_4) max. 0,05 %
 loss on drying (105 °C) max. 0,5 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| AM03950100 | 100 g | Ⓟ |

AMMONIUM BROMIDE

- NH_4Br
- M = 97,94 g/mol
- CAS [12124-97-9]
- EINECS-No.: 235-183-8

- Solub. in water: (20°C): 598 g/l
- Melting point: 542°C
- LD 50 (oral, rat): 2714 mg/kg
- Tariff number: 2827 59 00 00

- Applications: analytical chemistry, photography, in pharma industry.

AM0265 Ammonium bromide, extra pure, Pharpur®, Ph Eur, BP

assay (argentometric, on dried sample) 98,5 - 101,0 %
 identification passes test
 acidity or alkalinity passes test
 appearance of solution clear and colourless
 bromates (BrO_3) passes test
 chlorides (Cl) max. 0,6 %
 iodides (I) passes test
 sulfates (SO_4) max. 0,01%

iron (Fe) max. 20 ppm
 magnesium and alkaline-earth metals, (as Ca) max. 200 ppm
 residue on ignition max. 0,1 %
 loss on drying (105°C) max. 1,0 %
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| AM02650500 | 500 g | Ⓟ |
| AM02651000 | 1 kg | Ⓟ |

AM0266 Ammonium bromide, ExpertQ®, for analysis, ACS

assay (argentometric) min. 99,0 %
 identity (IR-spectrum) passes test
 insoluble in water max. 0,005 %
 pH (5 %, H_2O) 4,5 - 6,0
 bromates (BrO_3) max. 0,002 %
 chlorides (Cl) max. 0,2 %
 iodides (I) passes test
 sulfates (SO_4) max. 0,005 %

arsenic (As) max. 2 ppm
 barium (Ba) max. 0,002 %
 calcium (Ca) max. 0,01 %
 copper (Cu) max. 3 ppm
 heavy metals max. 5 ppm
 iron (Fe) max. 5 ppm
 magnesium (Mg) max. 0,002 %
 residue on ignition max. 0,01 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| AM02660500 | 500 g | Ⓟ |

AMMONIUM CARBONATE

- Synonyms: Salt of hartshorn
- $\text{NH}_4\text{HCO}_3 + \text{NH}_4\text{NH}_2\text{COO}$
- CAS [10361-29-2]
- EINECS-No.: 233-786-0
- Solub. in water: (20 °C): soluble

- Melting point: 58°C (decomposes)
- LD 50 (oral, rat): 1975 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H302

- GHS-P sentences: P264 - P270 - P330 - P301 + P312 - P501a
- Tariff number: 2836 10 00 00
- Applications: manufacture of dyes, in the rubber industry, analytical chemistry.

AM0268 Ammonium carbonate, ExpertQ®, for analysis, ACS

assay (acidimetric, NH_3) min. 30,0 %
 identity (IR-spectrum) passes test
 appearance of solution passes test
 insoluble in water max. 0,005 %
 chlorides (Cl) max. 0,0005 %
 arsenic (As) max. 3 ppm
 calcium (Ca) max. 0,01 %

copper (Cu) max. 0,0025 %
 heavy metals max. 5 ppm
 iron (Fe) max. 5 ppm
 lead (Pb) max. 0,001 %
 zinc (Zn) max. 0,0025 %
 sulphur compounds (as SO_4) max. 0,002 %
 residue on ignition max. 0,05 %

| ART. NO. | VOLUME | CONTAINER |
|------------|--------|-----------|
| AM02680500 | 500 g | Ⓟ |
| AM02681000 | 1 kg | Ⓟ |