

PRODUCT CODE: 131121

Ammonium Chloride (Reag. USP) for analysis, ACS, ISO

H₄CIN

NH₄Cl

M.= 53,49

CAS [12125-02-9]

EINECS 235-186-4

TARIC 2827 10 00 00

PHYSICAL DATA: Granular or crystalline powder, White, Soluble in water 370 g/l at 20 °C D 20/4 1,53 • B.P.: 520 °C
• pH_{4,5} - 5,5 •

BIBLIOGRAPHY: Merck Index **13**, 510 Sax **ANE500** • Safety **2** , **233 D** • Römp **8** , **187** • Kühn-Birett **A 16** • ACS **XI** • ISO 6353/2-1983 R - 5 , 7 • BP.**2021** • USP **43** • Ph. Eur. **9.0** (2017) **10.0** (2020) • F.C.C **12 13** •

HAZARDOUS: C.E: 017-014-00-8 • RTECS: BP 4550000 • LD L0 oral rbt 1.000 mg/kg • LD50 oral mus 1.300 mg/kg
• LD50 oral rat 1.650 mg/kg • LD50 ipr mus 1.439 mg/kg VLA-EC 20 mg/m³ VLA-ED 10 mg/m³



H: H302 • H319 •

P: P264 • P270 • P280 • P301+P312 • P305+P351+P338 • P501 • P330 • P337+P313 •

SPECIFICATIONS:

Minimum assay (Arg.)	99,5%
pH of 5% solution	4,5-5,5

Maximum limit of impurities

Insoluble matter in H ₂ O	0,005 %
Residue on ignition (as SO ₄)	0,01 %
Phosphate (PO ₄)	0,0002 %
Sulfate (SO ₄)	0,002%

Iodide (I)	0,001%
Nitrate (NO3)	0,001%
Pyridine and homologues	0,001%
Heavy Metals (ICP-OES)	0,0005 %
As	0,00005 %
Ca	0,0005 %
Cd	0,0005 %
Co	0,0005 %
Cr	0,0005 %
Cu	0,0001 %
Fe	0,0002 %
K	0,005 %
Mg	0,0005 %
Na	0,005 %
Ni	0,0005 %
Pb	0,0001 %
Zn	0,0002 %