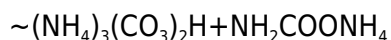
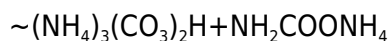


**PRODUCT CODE: 141119****Ammonium Carbonate (USP-NF) pure, pharma grade**



CAS [10361-29-2]

EINECS 233-786-0

TARIC 2836 99 17 80

PHYSICAL DATA: crystalline powder, White, Soluble in water 1.000 g/l at 20 °C M.P.: 58 °C • pH(100g/l)9,4 •**BIBLIOGRAPHY:** Merck Index **12**, 534 13, 508 Römp **8**, **187** • ACS **XI** • USP -**NF 36** • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: BP 1925000 • LD50 oral rat 1.975 mg/kg •**OBSERVATIONS:** Storage below 30°C •**SPECIFICATIONS:**

Assay (as NH ₃) (Acidim.)	30,0-34,0 %
Identity :	
Identity according to Pharmacopoeias:	passes test

Maximum limit of impurities

Insoluble matter in H ₂ O	0,01 %
Residue on ignition (as SO ₄)	0,1 %
Chloride (Cl)	0,0035%
Phosphate (PO ₄)	0,001 %
Sulfate (SO ₄)	0,005%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,001%

Residual metals ICP: (according to EMEA/CHMP/SWP/4446/2000)

Class 1A (Pt, Pd)	10 ppm
Class 1B (Ir, Rh, Ru, Os)	10 ppm
Class 1C (Mo, Ni, Cr, V)	25 ppm
Class 2 (Cu, Mn)	250 ppm
Class 3 (Fe, Zn)	1.300 ppm

As	0,0004	%
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Ed.: 5 . Vig.: 04.10.2013 .

Prod.: 141119