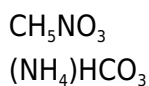


**PRODUCT CODE: 141116****Ammonium Hydrogen Carbonate (BP, Ph. Eur.) pure, pharma grade**

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M.= 79,06

CAS [1066-33-7]

EINECS 213-911-5

TARIC 2836 99 17 80

**SYNONYMS:** Ammonium Bicarbonate**PHYSICAL DATA:** crystalline powder, White, Soluble in water 176 g/l at 20 °C Thermal decom. above 105 °C • D 2,4 • M.P.: 105 °C • pH(50 g/l)8 •**BIBLIOGRAPHY:** Merck Index **13**, 497 Safety **2**, **232 C** • Römpp **8**, **189** • BP.**2018** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: BO 8600000 • LD50 oral rat 1.576 mg/kg •

H: H302 •

P: P264 • P270 • P301+P312 • P330 • P501 •

**SPECIFICATIONS:**

Assay (Acidim.)	98,0-101,0 %
Identity :	
Identity according to Pharmacopoeias:	passes test

**Maximum limit of impurities**

Insoluble matter in H2O	0,01 %
Chloride (Cl)	0,005%
Phosphate (PO4)	0,005 %

Sulfate (SO <sub>4</sub> )	0,007%
Sulfide	passes test
Residual solvents (Ph.Eur.)	passes test
Heavy metals (as Pb)	0,001%
Ca	0,01 %
Fe	0,001 %
Elemental impurities (ICH Q3D):	
Class 1	
Cd	0,5 ppm
Pb	0,5 ppm
As	1,5 ppm
Hg	1,5 ppm
Class 2A	
Co	5 ppm
V	10 ppm
Ni	20 ppm
Class 2B	
Tl	0,8 ppm
Au	10 ppm
Pd	10 ppm
Ir	10 ppm
Os	10 ppm
Rh	10 ppm
Ru	10 ppm
Se	15 ppm
Ag	15 ppm
Pt	10 ppm
Class 3	
Li	55 ppm
Sb	120 ppm
Ba	140 ppm
Mo	25 ppm
Cu	250 ppm
Sn	600 ppm
Cr	25 ppm