




Specification

Concerning Product:	
Article number	1066337MPEBL
Trade name / designation / denomination	Ammoniumbicarbonat, Pharma
CAS number	1066-33-7
Other names / synonyms	•AMMONIUM BICARBONATE; •Ammonium Bicarbonate, Crystal, Reagent; •Ammonium Bicarbonate, FCC; •Ammonium Carbonate, Powder, FCC; •Ammonium Carbonate, Powder, NF; •Ammonium bicarbonate; •Ammonium bicarbonate, food grade; •Ammonium hydrogen carbonate; •ammonium hydrogen carbonate; •ammonium hydrogencarbonate;
EC number	213-911-5
Customs tariff number / CN code / TARIC	28369917
Molecular weight [g / mol]	79,06
Formula	CH5NO3
Warning 	
Harmful if swallowed.	

Parameter	Specification	Unit
Physical parameter		
pH value	(5 % water) 7,5 – 8,1	
Identity		
Assay	99,0 – 101,0	%
Identification	complies	
Impurities		
Heavy Metals (as Pb)	≤ 0,001	%
Nonvolatile residue	≤ 0,0500	%
Sulphates (SO ₄)	≤ 0,0030	%
Residual Solvents		
Residual solvents	(ICH Q3C) excluded by the manufacturing process	
Elemental Impurities		
Arsenic (As)	≤ 0,0002	%
Chlorides (Cl)	≤ 0,001	%
Iron (Fe)	≤ 0,0005	%
Mercury (Hg)	≤ 0,0001	%
Lead (Pb)	≤ 0,0002	%

Supplemental information:

Shelf life: 3 years

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 16. Oct. 2019

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