



Specification

Concerning Product:	
Article number	12125029V01
Trade name / designation / denomination	Ammoniumchlorid S, chem. rein, EP (ohne Antiback)
CAS number	12125-02-9
Other names / synonyms	•AMMONIUM CHLORIDE; •AMMONIUM CHLORIDE, ACS; •Ammonium Chloride; •Ammonium Chloride, BiotechGrade; •Ammonium Chloride, Granular, FCC; •Ammonium Chloride, Granular, Reagent, ACS; •Ammonium Chloride, Granular, Technical; •Ammonium Chloride, Granular, USP; •Ammonium chloride; •Ammonium chloride, 99. min;
EC number	235-186-4
EC index number	017-014-00-8
Customs tariff number / CN code / TARIC	28271000
Molecular weight [g / mol]	53.49146
Formula	ClH ₄ N
<p>Harmful if swallowed. Causes serious eye irritation. IF IN EYES: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse cautiously with water for several minutes.</p>	

Parameter	Specification	Unit
Organoleptic test		
Appearance	Fine white crystals, clear soluble in water, in alkaline solutions slightly flaking	
Physical parameter		
Acidity/Alkalinity	Must conform to standard	
Water content	≤ 0,1	%
Loss on drying	≤ 1,0	%
pH value	(sol. 5%): 4,0 – 6,0	
Identity		
Assay	(NH ₄ Cl): ≥ 99,7	%
Identification	Must conform to standard	
Impurities		
Heavy Metals (as Pb)	≤ 10	ppm
Sulphated ash	≤ 0,1	%
Sulphates (SO ₄)	≤ 150	ppm
Impurity	Bromides + Iodides: Must conform to standard	
Impurity	NaCl: ≤ 0,05	%
Impurity	Thiocyanate: Must conform to standard	
Elemental Impurities		
Arsenic (As)	≤ 1	ppm
Calcium (Ca)	≤ 10	ppm
Cadmium (Cd)	≤ 1	ppm
Iron (Fe)	≤ 3	ppm
Mercury (Hg)	≤ 0,1	ppm
Lead (Pb)	≤ 1	ppm

Supplemental information:

Complies with monographie: FCC/EP/BP/USP

Usage: FOOD/PHARMA

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 10. Nov. 2025

LF-Basis: (2023-05-09)

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