



Specification

Concerning Product:	
Article number	12125029V04
Trade name / designation / denomination	Ammoniumchlorid RWS, Food, m. 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
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.	

Parameter	Test Method	Specification	Unit
Organoleptic test			
Appearance		Fine white crystals, solution in water remains dull	
Physical parameter			
Water content	Karl-Fischer Method	≤ 0,1	%
Identity			
Assay		≥ 99,0	%
Impurities			
Residue on ignition		≤ 0,9	%
Heavy Metals (as Pb)		≤ 10	ppm
Sulphates (SO ₄)		≤ 150	ppm
Impurity		NaCl ≤ 0,2	%
Elemental Impurities			
Arsenic (As)		≤ 1	ppm
Cadmium (Cd)		≤ 1	ppm
Iron (Fe)		≤ 3	ppm
Mercury (Hg)		≤ 0,1	ppm
Lead (Pb)		≤ 1	ppm

Supplemental information:

Note: Ammonium chloride is listed in (EC) 1334/2008 as a flavoring with FL-No. 16.048 and meets the purity criteria for food additives specified in the FAO/WHO Codex Alimentarius (JECFA) as well as in the Food Chemical Codex

Anti-caking agent: Tricalciumphosphate (E341iii) $\leq 0,7$ g/100g

The valid limits of the European-, and the US Pharmacopeia are fulfilled. May contain process-related water-soluble particles of up to 500 μm , which do not affect the quality of the product

This product is produced according to ISO 9001. An HACCP-Concept (EC) No. 852/2004 is implemented. The requirements according to "FDA Current Good Manufacturing Practice, Hazard Analysis and Risk-Based Preventive Controls for Human Food, 21 CFR Part 117 are fulfilled.

Chemische Werke Hommel GmbH & Co.KG

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Waltrop, 05. Aug. 2026

LF-Basis: 1.0 (2023-06-21)

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