

Product specification

Inorganic Chemicals

CAA-ACRWS-E
Revision 14

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Page 1 of 1

supersedes: CAA- ACRWS-E, Rev.13 dated 2009-01-15



AMMONIUM CHLORIDE RWS FOOD GRADE

PRD-No.: 30042426

1. General

This product is produced and marketed by BASF SE, Ludwigshafen, Germany.
The unit producing and marketing this product is certified according to DIN EN ISO 9001:2000.
An HACCP concept is implemented. GMP requirements of the FDA Title 21 Food and Drugs, cGMP Part 110 are fulfilled.

Appearance: fine white crystals, solution in water remains dull
Chemical Name: Ammonium chloride, NH₄Cl. Contains tricalcium phosphate as anti-caking agent.
CAS no.: 12125-02-9
EINECS no.: 235-186-4

2. Specifications

Parameter	Unit	Typical value	Specification	Test method
NH ₄ Cl	g / 100 g	99.3 - 99.5	min. 99.0	Volumetry
Ash	g / 100 g	0.4 - 0.6	max. 0.9	ICP-OES
NaCl	g / 100 g	0.02 - 0.04	max. 0.2	ICP-OES
H ₂ O	g / 100 g	0.03 - 0.05	max. 0.1	K.F.-method
As	mg / kg	< 1	max. 1	ICP-OES
Cd	mg / kg	< 1	max. 1	ICP-OES
Fe	mg / kg	1 - 2	max. 3	ICP-OES
Hg	mg / kg	< 0,1	max. 0.1	ICP-OES
Pb	mg / kg	< 1	max. 1	ICP-OES
Heavy metals as Pb	mg / kg	-	max. 10	Eur. Pharm.
Sulfate	mg / kg	30 - 50	max. 150	ICP-OES
Anticaking agent: tricalcium phosphate (E 341 iii)	g / 100 g	0.4 - 0.6	max. 0.7	ICP-OES

Ammonium chloride RWS and tricalcium phosphate (E341iii) fulfils each separately the requirements of the German "Aromenverordnung", 2006 edition and the purity criteria for food additives set by the Joint (FAO/WHO) Expert Committee on Food Additives (JECFA) in the Codex Alimentarius as well as the one contained in the Food Chemical Codex.

The aforementioned data shall constitute the agreed contractual quality of the product at the time of passing of risk. The data are controlled at regular intervals as part of our quality assurance program. Neither these data nor the properties of product specimens shall imply any legally binding guarantee of certain properties or of fitness for a specific purpose. No liability of ours can be derived therefrom.