

Product Specification

AMMONIUM CHLORIDE RWS FOOD GRADE

PRD-NO.: 30042426

1. General

This product is produced by BASF SE, Ludwigshafen, Germany. BASF SE, Ludwigshafen, Germany is certified 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.

Appearance:	fine white crystals, solution in water remains dull
Chemical Name:	Ammonium chloride, NH ₄ Cl. Contains tricalcium phosphate as anti-caking agent.
CAS-Nr.:	12125-02-9
EINECS-Nr.:	235-186-4

2. Properties

Parameter	Unit	Specification	Test method
NH ₄ Cl	g / 100 g	min. 99.0	Volumetry
Ash	g / 100 g	max. 0.9	ICP-OES
NaCl	g / 100 g	max. 0.2	ICP-OES
H ₂ O	g / 100 g	max. 0.1	K.F.-method
As	mg / kg	max. 1	ICP-OES
Cd	mg / kg	max. 1	ICP-OES
Fe	mg / kg	max. 3	ICP-OES
Hg	mg / kg	max. 0.1	ICP-OES
Pb	mg / kg	max. 1	ICP-OES
Heavy metals as Pb	mg / kg	max. 10	Eur. Pharm.
Sulfate	mg / kg	max. 150	ICP-OES
Anticaking agent: tricalcium phosphate (E 341 iii)	g / 100 g	max. 0.7	ICP-OES

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. 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.

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.