

Product Specification

AMMONIUM SULFATE SPECIAL GRADE (NON FOOD FEED GRADE)

PRD-No.: 30042199

1. General

This product is produced by BASF Antwerpen N.V., Belgium. BASF Antwerpen N.V., Belgium, is certified according to ISO 9001.

Appearance:	white crystalline powder
Chemical Name:	ammonium sulfate (NH ₄) ₂ SO ₄
CAS-Nr.:	7783-20-2
EINECS-Nr.:	231-984-1

2. Properties

Parameter	Unit	Specification	Test method
Ammonium sulfate	g/100g	min. 99.0	IC calculated
Nitrogen	g/100g	min. 21.0	IC calculated
Free acid (calculated as H ₂ SO ₄)	g/100g	max. 0.01	titrimetry
H ₂ O	g/100g	max. 0.2	Karl-Fischer
Fe	mg/kg	max. 20	ICP
Chloride	mg/kg	max. 10	photometric
Heavy Metals (Cd+Cu+Ni+Pb+Zn)	mg/kg	max. 5	ICP
TOC	g/100g	max. 0.2	TOC-Analyzer
Particle size distribution			ISO 565
0.2 - 3.0 mm	%	min. 95	ISO 3310-1

Product does not contain an anticaking agent. Due to storage operation, the product may contain particulate impurities (e.g. stones, fertilizer etc.)

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.