Product Specification **CM – Monomers Division**

AMMONIUM SULFATE SPECIAL GRADE (NON FOOD-FEED GRADE)

PRD-No.: 30042199

1. Document information

Document name:	StS_AMSULSPG_30042199_CM_EN		
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2. 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 $(NH_4)_2SO_4$
CAS-Nr.:	7783-20-2

3. 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_2SO_4)	g/100g	max. 0.01	titrimetry
H_2O	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 product is manufactured according to ISO 9001 and was designed for the use in further chemical syntheses or industrial applications. From BASF's side, the product is not intended to be used for sensitive applications (e. g. food, food-contact, feed, pharma, cosmetics, personal care). Therefore, BASF has not evaluated whether the product itself, the product quality and the existing safety data supports the use in these applications. It is solely the responsibility of those to whom we supply our product to ensure that any proprietary rights and legislation are observed and required risk assessments are carried out. In particular, the customer is not relieved from carrying out its own investigations and making tests to determine and verify the suitability of the product for a particular purpose prior to use. This includes all required risk assessments and adequate measures concerning the use of our product in your intended applications.

More information? Please visit us at www.monomers.basf.com

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