

Ammonium sulphate AnalR NORMAPUR® ACS, Reag. Ph. Eur. analytical reagent

Assay.....	Min. 99.5 %	pH (25°C; 5 %)	5.0 to 6.0
Heavy metals (as Pb).....	Max. 5 ppm	Ignition residue (SO ₄).....	Max. 50 ppm
Insolubility in water.....	Max. 10 ppm	Loss on drying (105°C).....	Max. 0.1 %
Cl (Chloride).....	Max. 3 ppm	NO ₃ (Nitrate).....	Max. 10 ppm
PO ₄ (Phosphate).....	Max. 5 ppm	As (Arsenic).....	Max. 0.2 ppm
Ca (Calcium).....	Max. 10 ppm	Cd (Cadmium).....	Max. 1 ppm
Cu (Copper).....	Max. 2 ppm	Fe (Iron).....	Max. 2 ppm
K (Potassium).....	Max. 20 ppm	Mg (Magnesium).....	Max. 5 ppm
Na (Sodium).....	Max. 20 ppm	Pb (Lead).....	Max. 2 ppm
Zn (Zinc).....	Max. 1 ppm	Conforms to BDH 10033.....	Passes test
Conforms to ACS.....	Passes test	Conforms to Reag. Ph.Eur.....	Passes test

Cat. No.	Pk	Pack type
21333.296	1 kg	Plastic bottle for solids
21333.365	5 kg	Plastic bottle for solids

Ammonium sulphate Reag. Ph. Eur.

Assay.....	Min. 99.0 %
Appearance.....	White crystalline powder
pH (5 %)	4.5 to 6.0
Sulphated ash.....	Max. 0.1 %

Cat. No.	Pk	Pack type
85509.290	1 kg	Plastic bottle for solids

Ammonium sulphate GPR RECTAPUR®

Assay.....	Min. 99 %
Appearance.....	White crystalline powder
Heavy metals (as Pb).....	Max. 10 ppm
Ignition residue (SO ₄).....	Max. 0.02 %
Cl (Chloride).....	Max. 20 ppm
NO ₃ (Nitrate).....	Max. 50 ppm
Fe (Iron).....	Max. 10 ppm

Cat. No.	Pk	Pack type
21332.293	1 kg	Plastic bottle for solids
21332.362	5 kg	Plastic bottle for solids

Ammonium sulphate Electran® Molecular biology grade

May be used for the precipitation or fractionation of proteins or for purification of antibodies. Useful for crystallographic analysis of nucleic acids and proteins.

Assay.....	Min. 99.5 %
Appearance.....	White crystalline powder
DNases (exo- and endonucleases).....	Not detected
RNases.....	Not detected
Proteases.....	Not detected
pH (5 %)	5 to 6
Absorbance (260 nm) (0.1 mol/l).....	Max. 0.01
Absorbance (280 nm) (0.1 mol/l).....	Max. 0.01
NO ₃ (Nitrate).....	Max. 0.001 %
PO ₄ (Phosphate).....	Max. 0.0005 %
As (Arsenic).....	Max. 0.0001 %
Ca (Calcium).....	Max. 0.001 %
Cl (Chloride).....	Max. 0.001 %
Cu (Copper).....	Max. 0.0005 %
Fe (Iron).....	Max. 0.0005 %
K (Potassium).....	Max. 0.002 %
Mg (Magnesium).....	Max. 0.0005 %
Na (Sodium).....	Max. 0.002 %
Pb (Lead).....	Max. 0.0001 %
Zn (Zinc).....	Max. 0.0002 %

Cat. No.	Pk	Pack type
444445Q	1 kg	Bucket (Plastic)
444446R	5 kg	Bucket (Plastic)

VWR CHEMICALS Ammonium sulphate, ultrapure

May be used for the precipitation or fractionation of proteins or for purification of antibodies. Useful for crystallographic analysis of nucleic acids and proteins.

Arsenic.....	0.0001 %
Chloride.....	0.0005 %
DNase.....	NONE
Heavy Metals (as Pb).....	0.0002 %
Insolubles.....	0.005 %
Iron.....	0.0005 %
Magnesium Test.....	NONE
pH (5%, Water) @25 °C.....	5.0 - 6.0
Phosphate.....	0.0005 %
Protease.....	NONE
Purity (Dry Basis).....	99.5 %
Residue on Ignition.....	0.005 %
RNase.....	NONE
Selenium.....	0.0020 %

Cat. No.	Pk	Pack type
0191-1KG	1 kg	Plastic bottle for solids
0191-5KG	5 kg	Bucket (Plastic)
0191-10KG	10 kg	Bucket (Plastic)
0191-12KG	12 kg	Bucket (Plastic)
0191-50KG	50 kg	Plastic drum

VWR CHEMICALS Ammonium sulphate, proteomics grade

Arsenic.....	0.0001 %
Chloride.....	0.0005 %
DNase.....	NONE
Heavy Metals (as Pb).....	0.0002 %
Insolubles.....	0.005 %
Iron.....	0.0005 %
Magnesium Test.....	NONE
pH (5%, Water) @25 °C.....	5.0 - 6.0
Phosphate.....	0.0002 %
Protease.....	NONE
Purity (Dry Basis).....	99.5 %
Residue on Ignition.....	0.005 %
RNase.....	NONE
Selenium.....	0.0005 %

Cat. No.	Pk	Pack type
M105-1KG	1 kg	Plastic bottle for solids
M105-5KG	5 kg	Bucket (Plastic)

Ammonium sulphide (10 - 50%) in aqueous solution

Danger

H225 H314

EUH031

P210 P243 P280 P301+P330+P331 P304+P340

P309+P310

CAS 12135-76-1

EINECS: 235-223-4

UN: 2683

ADR 8,II

(NH₄)₂S



Ammonium sulphide 20% in aqueous solution AnalR NORMAPUR® analytical reagent

Assay (as (NH ₄) ₂ S from sulphide).....	17 to 23 %	Ignition residue (SO ₄).....	Max. 100 ppm
Cl (Chloride).....	Max. 0.02 %	CO ₃ (Carbonate).....	Max. 100 ppm

Cat. No.	Pk	Pack type
21354.298	1 l	Glass bottle

Ammonium sulphide 20% in aqueous solution GPR RECTAPUR®

Assay (as (NH ₄) ₂ S from sulphide).....	17 to 23 %
Ignition residue (SO ₄).....	Max. 0.05 %

Cat. No.	Pk	Pack type
21352.292	1 l	Glass bottle
21352.441	20 l	Plastic drum