

**Ammonium hydrogen carbonate AnalAR
NORMAPUR® analytical reagent**

Assay	Min. 97.5 %	Heavy metals (as Pb)	Max. 5 ppm
Ignition residue (SO ₄)	Max. 50 ppm	Insolubility in water	Max. 50 ppm
Cl (Chloride)	Max. 5 ppm	PO ₄ (Phosphate)	Max. 10 ppm
SO ₄ (Sulphate)	Max. 20 ppm	Fe (Iron)	Max. 2 ppm

Cat. No.	Pk	Pack type
21219.292	1 kg	Plastic bottle for solids

**Ammonium hydrogen carbonate GPR
RECTAPUR®**

Assay	Min. 97 %
Heavy metals (as Pb)	Max. 20 ppm
Ignition residue (SO ₄)	Max. 0.05 %
Fe (Iron)	Max. 10 ppm

Cat. No.	Pk	Pack type
21218.298	1 kg	Plastic bottle for solids

di-Ammonium hydrogen citrate

Citric acid diammonium salt, Ammonium citrate dibasic, Diammonium hydrogen 2-hydroxypropane-1,2,3-tricarboxylate

Warning

H319 H335
P280 P305+P351+P338

CAS 3012-65-5

EINECS: 221-146-3

HOC(CO₂H)(CH₂CO₂NH₄)₂

M.W. 226.19 g/mol

Density: 1.483 g/cm³ (20 °C)

Storage Temperature: Ambient temperature

**di-Ammonium hydrogen citrate AnalAR
NORMAPUR® analytical reagent**

Assay	99.0 to 103.0 %	C ₂ O ₄ (Oxalate)	Passes test
Heavy metals (as Pb)	Max. 5 ppm	Ignition residue (SO ₄)	Max. 100 ppm
Insolubility in water	Max. 50 ppm	Total S (as SO ₄)	Max. 50 ppm
Cl (Chloride)	Max. 5 ppm	PO ₄ (Phosphate)	Max. 5 ppm
Fe (Iron)	Max. 5 ppm		

Cat. No.	Pk	Pack type
21246.238	250 g	Plastic bottle for solids

**di-Ammonium hydrogen citrate GPR
RECTAPUR®**

Assay	Min. 97 %
Heavy metals (as Pb)	Max. 20 ppm
Ignition residue (SO ₄)	Max. 0.1 %
Fe (Iron)	Max. 20 ppm

Cat. No.	Pk	Pack type
21245.361	5 kg	Bucket (Plastic)

Ammonium hydrogen difluoride

Ammonium bifluoride

Danger

H301 H314
P280 P301+P330+P331 P304+P340 P309+P310

CAS 1341-49-7

Index 009-009-00-4

EINECS: 215-676-4

UN: 1727

ADR 8,II

NH₄HF₂

M.W. 57.04 g/mol

Density: 0.8 g/cm³ (20 °C)

Melting Pt: 127 °C

Storage Temperature: Ambient temperature

**Ammonium hydrogen difluoride AnalAR
NORMAPUR® analytical reagent**

Assay	Min. 98.5 %	Heavy metals (as Pb)	Max. 5 ppm
Ignition residue (SO ₄)	Max. 0.02 %	Insolubility in water	Max. 50 ppm
Cl (Chloride)	Max. 5 ppm	SO ₄ (Sulphate)	Max. 50 ppm
Ca (Calcium)	Max. 10 ppm	Fe (Iron)	Max. 80 ppm

Cat. No.	Pk	Pack type
81000.260	500 g	Plastic bottle for solids

**Ammonium hydrogen difluoride GPR
RECTAPUR®**

Assay	Min. 98.0 %
Heavy metals (as Pb)	Max. 0.03 %
Cl (Chloride)	Max. 0.05 %
SiF ₆ (Hexafluorosilicate)	Max. 0.3 %
Fe (Iron)	Max. 100 ppm

Cat. No.	Pk	Pack type
21262.360	5 kg	Bucket (Plastic)

Ammonium hydrogen difluoride TECHNICAL

Assay	Min. 97 %
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Cat. No.	Pk	Pack type
21253.290	1 kg	Plastic bottle for solids
21253.368	5 kg	Bucket (Plastic)

di-Ammonium hydrogen orthophosphate

di-Ammonium hydrogen phosphate, Diammonium hydrogen orthophosphate, Ammonium monohydrogen phosphate, Ammonium phosphate dibasic, Ammonium hydrogen phosphate

CAS 7783-28-0

EINECS: 231-987-8

(NH₄)₂HPO₄

M.W. 132.06 g/mol

Density: 1.619 g/cm³ (20 °C)

Melting Pt: 185 °C

Storage Temperature: Ambient temperature

**di-Ammonium hydrogen orthophosphate
AnalAR NORMAPUR® ACS, Reag. Ph. Eur.
analytical reagent**

Assay	Min. 99.0 %	pH (25°C; 5 %)	7.8 to 8.1
Heavy metals (as Pb)	Max. 5 ppm	Insolubility in water	Max. 50 ppm
Cl (Chloride)	Max. 5 ppm	SO ₄ (Sulphate)	Max. 40 ppm
NO ₃ (Nitrate)	Max. 10 ppm	Fe (Iron)	Max. 10 ppm
K (Potassium)	Max. 10 ppm	Na (Sodium)	Max. 10 ppm

Cat. No.	Pk	Pack type
21311.234	250 g	Plastic bottle for solids
21311.291	1 kg	Plastic bottle for solids

**di-Ammonium hydrogen orthophosphate
TECHNICAL**

Assay	Min. 97.5 %
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Cat. No.	Pk	Pack type
21306.362	5 kg	Bucket (Plastic)

Ammonium hydrogen phosphate

See di-Ammonium hydrogen orthophosphate..... p.35

di-Ammonium hydrogen phosphate

See di-Ammonium hydrogen orthophosphate..... p.35