





## AL0745 Aluminium potassium sulfate dodecahydrate, extra pure, Pharmpur®, Ph Eur, BP, USP

assay (complexometric) . . . . . 99,0 - 100,5 %  
 identification . . . . . passes test  
 appearance of solution . . . . . clear and colourless  
 pH (10 %, H<sub>2</sub>O) . . . . . 3,0 - 3,5  
 ammonium (NH<sub>4</sub>) . . . . . max. 0,2 %  
 iron (Fe) . . . . . max. 100 ppm  
 iron (Fe) . . . . . passes test





loss on drying . . . . . 43,0 % - 46,0 %  
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.  
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
AL07450500	500 g	
AL07451000	1 kg	
AL0745005P	5 kg	
AL0745025P	25 kg	

## AL0746 Aluminium potassium sulfate dodecahydrate, ExpertQ®, for analysis, ACS, Reag. Ph Eur

assay (complexometric) . . . . . 99,0 - 100,5 %  
 identity (IR-spectrum) . . . . . passes test  
 appearance of solution . . . . . clear and colourless  
 insoluble in water . . . . . max. 0,005 %  
 pH (10 %, H<sub>2</sub>O) . . . . . 3,0 - 3,5  
 chlorides (Cl) . . . . . max. 5 ppm  
 ammonium (NH<sub>4</sub>) . . . . . max. 0,005 %

cadmium (Cd) . . . . . max. 5 ppm  
 copper (Cu) . . . . . max. 5 ppm  
 heavy metals (as Pb) . . . . . max. 0,001 %  
 iron (Fe) . . . . . max. 5 ppm  
 lead (Pb) . . . . . max. 5 ppm  
 sodium (Na) . . . . . max. 0,005 %

ART. NO.	VOLUME	CONTAINER
AL07460500	500 g	
AL07461000	1 kg	
AL0746005P	5 kg	
AL0746025P	25 kg	

## ALUMINIUM SULFATE 18-HYDRATE

## AL0855 Aluminium sulfate 18-hydrate, extra pure, Pharmpur®, Ph Eur, BP

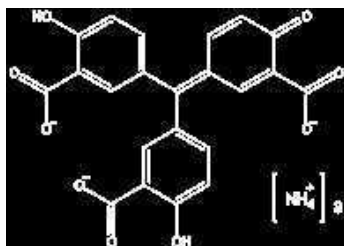
- Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>·18H<sub>2</sub>O
- M = 666,42 g/mol
- CAS [7784-31-8]
- EINECS-No.: 233-135-0
- Solub. in water: (20 °C): ~ 600 g/l
- Melting point: 92 °C
- LD 50 (oral, rat): 9000 mg/kg
- Tariff number: 2833 22 00 00
- Applications: manufacturing of lacquers, manufacture of dyes, in pesticide compositions, for water purifying, in pharma industry.

assay (complexometric, Al<sub>2</sub>(SO<sub>4</sub>)<sub>3</sub>) . . . . . 51,0 - 59,0 %  
 identification . . . . . passes test  
 appearance of solution . . . . . passes test  
 pH (2%, H<sub>2</sub>O) . . . . . 2,5 - 4,0  
 alkali and alkaline earth metals . . . . . max. 0,4 %  
 ammonium (NH<sub>4</sub>) . . . . . max. 500 ppm  
 iron (Fe) . . . . . max. 100 ppm  
 Elemental impurities are analysed according to guideline CHMP/ICH/353369/2013.  
 Residual solvents are analysed according to guideline CPMP/ICH/283/95.

ART. NO.	VOLUME	CONTAINER
AL08550500	500 g	
AL08551000	1 kg	
AL0855005P	5 kg	

## ALUMINON

## AL0860 Aluminon, reagent for aluminium, ExpertQ®, for analysis, ACS



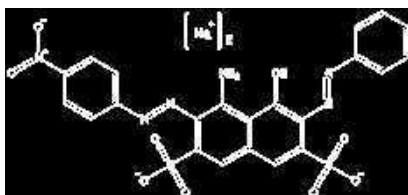
- Synonyms: Aurin tricarboxylic acid ammonium salt, Ammonium aurin tricarboxylate
- C<sub>22</sub>H<sub>23</sub>N<sub>3</sub>O<sub>9</sub>
- M = 473,44 g/mol
- CAS [569-58-4]
- EINECS-No.: 209-319-1
- Solub. in water: (20 °C): ~ 800 g/l
- LD 50 (oral, rat): 9000 mg/kg
- GHS-signal word: Warning
- GHS-H sentences: H373 - H312 - H332
- GHS-P sentences: P260 - P261 - P280 - P322 - P304 + P340 - P501a
- Tariff number: 2918 90 90 90
- Applications: manufacturing of lacquers, for the detection of: aluminium.

insoluble in water . . . . . max. 0,1 %  
 suitability for determination of Al . . . . . passes test  
 residue on ignition . . . . . max. 0,2 %  
 loss on drying (110 °C) . . . . . max. 10 %

ART. NO.	VOLUME	CONTAINER
AL08600025	25 g	

## AMIDO BLACK 10 B, C.I. 20470

## NE0025 Amido black 10 B, C.I. 20470



- Synonyms: Black acid 1, Naphthol blue black
- C<sub>22</sub>H<sub>14</sub>N<sub>2</sub>Na<sub>2</sub>O<sub>9</sub>S<sub>2</sub>
- M = 616,5 g/mol
- CAS [1064-48-8]
- EINECS-No.: 213-903-1
- Solub. in water: (20 °C): 30 g/l
- GHS-signal word: Danger
- GHS-H sentences: H228 - H301 - H330
- GHS-P sentences: P210 - P241 - P260 - P320 - P405 - P501a
- Tariff number: 3204 12 00 00
- Applications: analytical chemistry, indicator, chromatography, for electrophoresis.

Absorption maximum λ (in H<sub>2</sub>O) . . . . . 614 - 620 nm  
 Absorptivity (A1%/1 cm; λ max.) . . . . . 625 - 670  
 loss on drying (135 °C) . . . . . max. 10 %

ART. NO.	VOLUME	CONTAINER
NE00250025	25 g	

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

Z

90