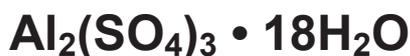


ALUMINUM SULFATE OCTADECALHYDRATE

Glinu siarczan 18 hydrat



M = 666,42 g/mol

CAS: 7784-31-8

WE: 233-135-0

H: not applicable

P: 305+351+338

RID/ADR: not applicable UN: not applicable

Physical and chemical properties:

Character:	solid	Vapour pressure:	no data
Colour:	white	Density:	1,72 g/cm ³ (20°C)
Odor:	odorless	Bulk density:	approx 820 kg/m ³
pH:	approx 2,5 - 4,0 (20 g/l H ₂ O, 20°C)	Solubility	
Melting point:	90°C	in water:	364 g/l (20°C)
Boiling point:	>87°C	in organic solvents:	no data
Explosion limits:	not applicable		

Aluminum sulfate octadecahydrate pure

CHEM*424547304

50 g	100 g	Assay	98,0 – 107,0 %
250 g	500 g	Substances insoluble in water	max. 0,05 %
750 g	1 kg	Chlorides (Cl)	max. 0,01 %
2 kg	5 kg	Ammonia salt (NH ₄)	max. 0,02 %
10 kg	15 kg	Heavy metals (as Pb)	max. 0,002 %
25 kg		Potassium (K)	max. 0,02 %
		Sodium (Na)	max. 0,02 %
		Calcium (Ca)	max. 0,04 %
		Iron (Fe)	max. 0,01 %

Aluminum sulfate octadecahydrate pure p. a.
CHEM*114547305

25 g	50 g	Assay	99,0 – 106,0 %
100 g	250 g	Substances insoluble in water	max. 0,02 %
		pH (5 %, 20°C)	2,5 - 3,5
500 g	750 g	Chlorides (Cl)	max. 0,002 %
1 kg	2 kg	Ammonia salt (NH ₄)	max. 0,005 %
		Heavy metals (as Pb)	max. 0,001 %
5 kg	10 kg	Arsenic (As)	max. 0,0001 %
15 kg		Potassium (K)	max. 0,01 %
		Sodium (Na)	max. 0,01 %
		Calcium (Ca)	max. 0,02 %
		Iron (Fe)	max. 0,001 %

Aluminum sulfate octadecahydrate FP reagent
CHEM*424547306

100 g	250 g	Assay	98,0 – 106,0 %
		pH (5 %, 20°C)	2,9 - 3,5
500 g	750 g	Ammonia salt (NH ₄)	passes test
1 kg	2 kg	Potassium (K) + Calcium (Ca)	max. 0,8 %
		Chlorides (Cl)	max. 0,02 %
5 kg	10 kg	Heavy metals (as Pb)	max. 0,001 %
15 kg	25 kg	Arsenic (As)	max. 0,0005 %
		Iron (Fe)	max. 0,015 %