

**Identification**

$\text{NH}_4\text{Al}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
M = 453,33 g/mol
CAS [7784-26-1]
EC number: 232-055-3
Taric code: 2833 30 00

Synonyms

Ammonium aluminium sulfate, Ammonium alum

Applications

for water purifying, manufacture of dyes, manufacturing of lacquers, in porcelain industry, in pharma industry.

Specifications

assay (complexometric, on dried sample).....	99,0 - 100,5 %	Identification A (USP).....	passes test
Identification aluminium.....	passes test	iron (Fe).....	passes test
Identification sulfates.....	passes test	alkali and alkaline-earth salts.....	max. 0,5 %
		loss on drying (300 °C).....	45,0 - 48,0 %

Physical data

- Bulk density: ~ 700 - 800 kg/m³
- Solub. in water: (20 °C): 150 g/l
- Melting point: 93 °C
- Boiling point: 200 °C
- pH(100 g/l H₂O, 25 °C) ~ 2,6

Transport/storage

- 15°C - 25°C