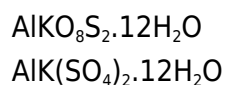


**PRODUCT CODE: 141103****Aluminium Potassium Sulfate 12-hydrate (USP, BP, Ph. Eur.) pure, pharma grade**



M.= 474,39

CAS [7784-24-9]

EINECS 233-141-3

TARIC 2833 30 00 00

SYNONYMS: Potassium Alum, Potassium Aluminium Sulphate**PHYSICAL DATA:** Small crystals, White, Soluble in water 110 g/l at 20 °C D 1,727 • M.P.: 92 °C • pH3,0 - 3,5 •**BIBLIOGRAPHY:** Merck Index **12**, 373 13, 359 Römp **8**, **100** • ACS **XI** • BP.**2018** • USP **41** • Ph. Eur. **8.0** (2014) **9.0** (2017) • F.C.C **10 11** • BOE **243**(8-10-2009) • Regulation (EU) n° 231/2012 •**HAZARDOUS:** RTECS: WS 5690000 • TDLO oral rat 1.120 mg/kg • VLA-ED (Al) 2 mg/m3**SPECIFICATIONS:**

Assay (Compl.)	99,0-100,5%
Identity :	
Identity according to Pharmacopoeias:	passes test
pH of 10% solution	3,0-3,5

Maximum limit of impurities

Appearance of solution	passes test
Loss on drying at 400°C	43,0-46,0 %
Chloride (Cl)	0,01%
Ammonium (NH4)	0,01%
Residual solvents (Ph.Eur/USP)	passes test
Heavy metals (as Pb)	0,002%

Fe	0,002	%
Elemental impurities (ICH Q3D):		
Class 1		
Cd	0,5	ppm
Pb	0,5	ppm
As	1,5	ppm
Hg	1,5	ppm
Class 2A		
Co	5	ppm
V	10	ppm
Ni	20	ppm
Class 2B		
Tl	5	ppm
Au	10	ppm
Pd	10	ppm
Ir	10	ppm
Os	10	ppm
Rh	10	ppm
Ru	10	ppm
Se	15	ppm
Ag	15	ppm
Pt	10	ppm
Class 3		
Li	55	ppm
Sb	120	ppm
Ba	140	ppm
Mo	25	ppm
Cu	250	ppm
Sn	600	ppm
Cr	25	ppm