

PRODUCT SPECIFICATION

Spec.-No.: KAL - 02

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Product	Aluminium potassium sulphate, special quality, Ph Eur	
Description	Aluminium potassium sulphate is manufactured by dissolving aluminium hydroxide in sulphuric acid with addition of potassium sulphate.	
Appearance	Colourless crystals or white crystalline powder.	
Formula	$KAl(SO_4)_2 \cdot 12 H_2O$	
CAS-No.	7784 - 24 - 9	
Contents of $KAl(SO_4)_2$ (on dried substance)	99,0 - 100,5 %	
Loss on drying (1 h, 400 °C)	43,0 - 46,0 %	
Solubility	Clear soluble in water.	
Chem. purity	Fe	max. 0,010 %
	Heavy metals as Pb	max. 0,002 %
	NH ₃	max. 0,200 %
Phys. Characteristics	Density	approx. 1,75 g/cm ³
	Bulk Density	approx. 1000 kg/m ³
	Solubility in water (20 °C)	approx. 120 g/l
	pH (10 g / 100 ml H ₂ O; 20 °C)	approx. 3,0 - 3,5
Particle size	0 - 2 mm	

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Application	Due to its vasoconstrictory effect Aluminium potassium sulphate is utilized in the pharmaceutical and cosmetic industries.
Packaging	Polyethylene bags of 25 kgs and of 50 kgs net.
Storage	Bags should be closed in a dry place at room temperature. Exposure to sunshine should be avoided. If stored as described the stability of the product is unlimited.
Handling	National handling regulations should be taken notice of.
Note	Any details of application possibilities do not free the purchaser from the obligation of performing his own tests on the material supplied by the seller, in order to determine their suitability for the intended processes and purposes. Application, use and processing of the material cannot be controlled by the seller and are thus the sole responsibility of the purchaser.