

	<b>Product Information</b>  <b>Aluminium potassium bis(sulphate) dodecahydrate, technical grade (POTASSIUM ALUM)</b>	Doc: PI-KAL-01
		Date: 07 / 2025
		Revision: 07



#### Aluminium potassium bis(sulphate) dodecahydrate

is manufactured by dissolving aluminium hydroxide in sulphuric acid with addition of potassium sulphate.

#### Aluminium potassium bis(sulphate) dodecahydrate

is used as a coagulation agent for rubber latex, it is applied in leather tanning and used as mordant in the dyeing industry.

**POTASSIUM ALUM** is „Made in Germany“!

#### Basis

Formula	$\text{KAl}(\text{SO}_4)_2 \cdot 12 \text{H}_2\text{O}$	CAS-No.	7784 – 24 – 9
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#### Chemical Characteristics

Content of $\text{KAl}(\text{SO}_4)_2$	99.0 – 100.5 %	Loss on drying (1 h, 400 °C)	43.0 – 46.0 %
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#### Chemical Purity

Fe	max. 0.02 %	Heavy metals as Pb	max. 0.03 %
Water-insolubles	max. 0.01 %		

#### Physical Characteristics

Density (20 °C)	ca. 1.75 g/cm <sup>3</sup>	Solubility in H <sub>2</sub> O (20 °C)	ca. 120 g/l
Bulk density	ca. 1.000 kg/m <sup>3</sup>	Standard grain size	0 – 2.0 mm
pH-value (10 g / 100 ml H <sub>2</sub> O; 20 °C)	ca. 3.0 – 3.5		

#### Packaging

Polyethylene bags	25 kgs
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#### Note:

Any details of application possibilities do not free the purchaser from the obligation of performing their own test 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.

National handling regulations should be observed.

**OKER-CHEMIE GmbH**

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