

Potassium Alum

INCI Name: Potassium Alum

CAS Numbers: 7784-24-9



Description:

Potassium Alum which is also called potassium aluminum sulfate which is a chemical compound. Its chemical formula is $KAl(SO_4)_2$ and it is commonly found in its dodecahydrate form as $KAl(SO_4)_2 \cdot 12(H_2O)$. Alum is the common name for this chemical compound because of the nomenclature of potassium aluminum sulfate dodecahydrate.

Technical Data:

| | | <u>Range Min</u> | <u>Range Max</u> |
|---|----------|------------------|------------------|
| $KAl(SO_4)_2 \cdot 12H_2O$, % | 99.8 | 99.5 | 100.5 |
| Identification | Positive | | |
| Ammonium Salts | Passes | | |
| Flouride, % | <0.003 | | 0.003 |
| Lead, mg/kg | <3 | | 3 |
| Selenium, % | <0.003 | | 0.003 |

Applications:

Potassium Alum can be used in antiperspirants, deodorants, body sprays, lubricants, spermicides, feminine moisturizers, after shave products, fragrances for women, foot odor control products, and fragrances for men.



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