

Potassium Aluminum Sulfate Dodecahydrate

potassium aluminium sulfate dodecahydrate | CAS 7784-24-9

Product identification

Product name	Potassium Aluminum Sulfate Dodecahydrate
Chemical name	potassium aluminium sulfate dodecahydrate
CAS number	7784-24-9
PubChem CID	—
Molecular formula	$\text{KAl}(\text{SO}_4)_2 \cdot 12\text{H}_2\text{O}$
Molecular weight	474.39 g/mol
InChIKey	—
Material type	Chemical reference material / technical compound

Material description

Potassium Aluminum Sulfate Dodecahydrate is a inorganic double sulfate hydrate supplied by Rexar as a chemical reference material / technical compound.

Intended use

For laboratory, analytical, chemical and method-development applications. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

Reference characteristics

Structural class	Inorganic double sulfate hydrate
Typical physical form	Solid / powder
Storage guidance	Keep tightly closed, dry and protected from light unless lot-specific supplier documentation states otherwise.

Analytical use and traceability

Lot-specific purity, water content, residual solvents and analytical acceptance criteria must be taken from applicable supplier documentation or a certificate of analysis; they are not inferred by this datasheet.

Safety note

Use the applicable supplier SDS for the exact supplied grade. Hydration state is explicitly dodecahydrate in this product identity.

Identity verification note

Identity data were rechecked for this revision. Where a field could not be established reliably from the reviewed sources, it has deliberately not been invented and should be reconciled against lot-specific supplier documentation.

Document control

Document	Rexar Technical Compound Datasheet
Revision	10 September 2026

Status	Reference information; not a certificate of analysis
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Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation.