

Certificate of Analysis

Compound Information

Product Name:	Aluminum sulfate octadecahydrate
Cat. No.:	1043226
CAS No.:	7784-31-8
Molecular Formula:	$\text{Al}_2\text{H}_{36}\text{O}_{30}\text{S}_3$
Molecular Weight:	666.43
Chemical Structure:	

Batch Information

Batch No.:	Lf0414129466
Storage:	2-8°C, protect from light, stored under nitrogen
Test Date:	2022-04-14
Retest Date:	2025-04-13
Origin:	Shanghai, China

QC Summary

Appearance:	White to off-white (Solid)
Assay:	99.1%
pH:	2.75
Chloride($\leq 0.002\%$):	0.0018
Fe($\leq 0.003\%$):	0.003%
NH₄($\leq 0.005\%$):	0.004%
Heavy metal($\leq 0.001\%$):	0.001%
Clarity experiment:	Qualified
Na($\leq 0.02\%$):	Compliance
Mg($\leq 0.002\%$):	Compliance
K($\leq 0.005\%$):	Compliance
Ca($\leq 0.01\%$): Compliance2%):	Compliance
Conclusion:	The product has been tested and complies with the given specifications.

Caution: Research use only and are not intended for human use.

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