

Certificate of Analysis

Compound Information

Product Name:	Aluminum oxide, 99%, neutral 100-200 mesh
Cat. No.:	1854210
CAS No.:	1344-28-1
Molecular Formula:	Al ₂ O ₃
Molecular Weight:	101.96
Chemical Structure:	



Batch Information

Batch No.:	Lg1227363301
Storage:	Store at room temperature, keep dry and cool
Test Date:	2023-12-27
Retest Date:	2026-12-26
Origin:	Shanghai, China

QC Summary

	Specification	Result
Appearance:	White to off-white (Solid)	White (Powder)
Purity, ω/%:	≥99	99.00
Mesh, mesh:	100-200	100-200
pH:	6.5-7.5	7.1
Iron Oxide(Fe₂O₃), ω/%:	≤0.015	0.011
Activity:	11	11
Particle Size Distribution, ω/%:	≥75.0 (100-200mesh)	85
Loss On Ignition, ω/%:	≤5.0	2.8
Silica(SiO₂), ω/%:	≤0.02	0.016
Sodium Oxide(Na₂O), ω/%:	≤0.30	0.220

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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