



1251 Frontenac Rd., Naperville, IL 60563
Phone: 331-281-0154 e-mail: support@shopbv.com
www.shopbv.com

CERTIFICATE OF ANALYSIS

Product Name: ACTIVATED ALUMINA POWDER - BASIC GRADE

CAS No: 1344-28-1

Batch No: 0110/907.512B

Manufacturing Date: 10/12/2025

Quantity: 907.5 kgs

Specifications:

Parameter	Specification	Unit	Result
Appearance	Fine free-flowing white powder		Pass
Particle Size	50-200	µm	Pass
Bulk Density	0.95 - 1.2	g/cc	1.06
Loss on Drying	≤8	%	4.9
Loss on Ignition	≤8	%	6.9
pH (5% suspension)	9.0 - 12.0	pH	10.81
Moisture Adsorption Capacity @ 95% RH	15 - 28	%	27
Surface Area (BET - N ₂ based BJH method)	200 min.	m ² /g	236.521
Pore Volume (N ₂ based BJH method)	0.15-0.35	cc/g	0.24245
Pore Diameter (N ₂ based BJH method)	30-50	Å	41.003
Al ₂ O ₃ Content	≥ 91	%	91.2
Na ₂ O Content	≥ 0.5	%	0.95

Please consult the SDS for further information.

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