

CERTIFICATE OF ANALYSIS

Product Name	L-Alanine	Country of Origin	China
Batch Number	SOST2023060501	Manu. Date	Nov,10th, 2023
Batch Quantity	500KG	Expiration Date	Nov, 9th, 2025
Items	Specifications	Results	Method
Appearance	white powder	Complies	Visual
Assay	≥99%	99..5%	HPLC
Odor	Characteristic	Complies	Organoleptic
Identification	Conform with reference	Complies	Organoleptic
Mesh Size	100% pass 80 mesh	Complies	80mesh screen
Moisture Content	≤ 1.0%	0.21%	GB5009.3-2016
Heavy Metals	≤ 10 ppm	< 10ppm	GB 5009.3
Arsenic (As)	≤ 1.5 ppm	< 0.005 ppm	GB 5009.4
Lead (Pb)	≤ 2 ppm	0.0711 ppm	GB 5009.11
Cadmium (Cd)	≤1ppm	< 0.005ppm	GB 5009.12
Mercury (Hg)	≤1ppm	< 0.003ppm	GB 5009.17
Total Plate Count	≤10000 cfu/g	< 10	GB 5009.15
Yeast and Mold	≤100 cfu/g	< 10	GB 5009.3
Escherichia Coli	< 10cfu/g	< 10	GB 5009.4
Salmonella/25g	Absent	Not detected	GB 5009.11

QC MANAGER:Feng Li

ANALYST:Guo Shan

