

### CERTIFICATE OF ANALYSIS

Product Name	Branched Chain Amino Acid	Country of Origin	China
Batch Number	SOST2023111501	Manu. Date	Nov, 15th, 2023
Batch Quantity	2300KG	Expiration Date	Nov, 14th, 2025
<b>Items</b>	<b>Specifications</b>	<b>Results</b>	<b>Method</b>
Appearance	White Powder	Complies	Visual
Odor	Characteristic	Complies	Nasil
Identification	Conform with reference	Complies	HPLC
L-Leucine Content	46%-54%	48.4%	/
L-Isoleucine Content	22%-27%	24.3%	/
L-Valine Content	22%-27%	24.2%	/
Loss on Drying	≤1.0%	0.24%	GB5009.3
Residue on Ignition	≤0.4%	0.09%	GB5009.4
Pb	≤3.0ppm	Complies	AAS
As	≤1.0ppm	Complies	AAS
Cd	≤1.0ppm	Complies	AAS
Hg	≤0.1ppm	Complies	AAS
Total Plate Count	≤1000 cfu/g	Complies	GB/T4789.2
Yeast and Mold	≤100 cfu/g	Complies	GB/T4789.15
Escherichia Coli	Absent	Not detected	GB/T4789.3
Salmonella/25g	Absent	Not detected	GB/T4789.4

QC MANAGER:Feng Li

ANALYST:Guo Shan

