

CERTIFICATE OF ANALYSIS

Product Name	L-Leucine	CAS	61-90-5
Batch Number	SOST2024022804	Manufacture. Date	Feb,28th, 2024
Batch Quantity	2000KG	Expiration Date	Feb, 27th, 2026
Reference standard	GB 29938/USP33	Package	25kgs/drum

Items	Specifications	Results
Specific optical rotation	+14.9° ~+17.3°	+15.4°
pH value	5.5~7.0	5.8
Loss on drying	Not more than 0.20%	0.13%
Heavy metals (Pb)	Not more than 20 ppm	7 ppm
Residue on ignition	Not more than 0.40%	0.04%
Chloride	Not more than 500ppm	<500ppm
Sulfate	Not more than 300ppm	<300ppm
Iron (Fe)	Not more than 30ppm	<30ppm
Heavy metals (Pb)	Not more than 15 ppm	<15ppm
Assay	98.5~101.5%	99.7%
Conclusion	This sample meets GB 29938/USP33 standard.	
Packing	25kg/paper drum ,Pack in paper-drums and two plastic-bags inside.	
Storage	Store in sealed containers at cool & dry place. Protect from light, moisture and pest infestation.	
Shelf life	2 years when properly stored	

QC MANAGER:Feng Li

ANALYST:Guo Shan

