

检测报告 CERTIFICATE OF ANALYSIS

产品名称 Product Name:	支链氨基酸 BCAA		
CAS No.:	69430-36-0	参考标准 Ref. Standard:	企业标准 In-house Standard.
批号 Batch No.:	20250321	生产日期 Manuf. Date:	Mar. 21, 2025
数量 Quantity:	100kg	有效期至 Expiry Date:	Mar. 20, 2028
储存条件 Storage Condition:	保存在密闭的容器中, 控制室温, 远离阳光。Preserve in tight containers at controlled room temperature, away from sunlight.		

项目 ITEM	标准 SPECIFICATION	结果 RESULTS
含量(滴定) Assay ((Titration))	≥95.0%	96.8%
外观 Appearance	白色至灰白色细粉末 White to off-white fine powder	白色细粉 White fine powder
理化指标 Physical & Chemical Characteristics		
粒度 Particle size	≥90% through 80 mesh	符合 Conforms
干燥失重 Loss on drying	≤0.8%	0.05%
炽灼残渣 Residue on ignition	≤1.0%	0.20%
L-亮氨酸含量 Content of L-Leucine	45.0%~55.0%	47.4%
L-异亮氨酸含量 Content of L-Isoleucine	22.5%~27.5%	24.1%
L-缬氨酸含量 Content of L-Valine	22.5%~27.5%	24.7%
向日葵卵磷脂 Sunflower Lecithin	0.5%~1.0%	0.6%
松密度 Bulk Density	≥0.32g/ml	0.40g/ml
紧密度 Tapped Density	≥0.45g/ml	0.59g/ml
重金属 Heavy metals	≤10.0pm	符合 Conforms
铅 Lead(Pb)	≤3.0ppm	符合 Conforms
砷 Arsenic(As)	≤1.0ppm	符合 Conforms
镉 Cadmium(Cd)	≤1.0ppm	符合 Conforms
微生物指标 Microbiological Tests		
菌落总数 Total plate Count	≤1000cfu/g	符合 Conforms
酵母菌&霉菌 Yeast & Mold	≤100cfu/g	符合 Conforms
大肠杆菌 E.Coli.	阴性 Negative	阴性 Negative
沙门氏菌 Salmonella	阴性/25g Negative/25g	阴性 Negative
结论 Conclusion	符合企业标准 Conforms to the In-house standard.	

Tested by:Tiantian Wang

Checked by: Yuanmeng Geng

Approved by: Yulian Liu

