

CERTIFICATE OF ANALYSIS

品名 Product name:	L-亮氨酸（速溶）(发酵) L-Leucine (Instant) (Fermentation)		
批号 Batch No.:	17110201	数量 Quantity:	100kgs
生产日期 Manufacture date:	NOV. 02. 2017	有效期 Expiry date:	NOV. 01. 2019

标准 Reference standard:	企业标准 Enterprise standard	
项目(ITEM)	标准 (STANDARD)	结论(RESULT)
外观 Appearance:	白色至灰白色粉末 White to off-white powder	白色粉末 White Powder
L-亮氨酸含量 L-Leucine (滴定 Titration)	≥95%	96.8%
卵磷脂含量 Lecithin	0.5~1.0%	0.8%
松密度 Bulk density	≥0.25g/ml	0.40g/ml
紧密度 Tapped density	≥0.30g/ml	0.50g/ml
重金属 Heavy metals (as Pb)	≤10ppm	<10ppm
铅 Lead	≤3ppm	<3ppm
镉 Cadmium	≤1ppm	<1ppm
砷 Arsenic	≤1ppm	<1ppm
汞 Mercury	≤0.1ppm	<0.1ppm
干燥失重 Loss on drying	≤1.0%	0.20%
炽灼残渣 Residue on ignition	≤0.50%	0.12%
总菌 Total Plate Count	≤1,000CFU/g	<1,000 cfu/g
霉菌和酵母菌 Yeasts and Molds	≤100CFU/g	<100cfu/g
大肠杆菌 Escheria Coli	阴性 Negative	阴性 Negative
沙门氏菌 Salmonella	阴性 Negative	阴性 Negative
粒径范围 Particle size range	≥95%通过 80 目 ≥95% through 80 Mesh	99%通过 80 目 99 % through 80 Mesh
Conclusion:	Material conforms to the Enterprise standard.	
Analysis date:	NOV. 06. 2017	
Analyst:		Verifier: