



SHANDONG YANGCHENG BIOTECHNOLOGY CO., LTD.

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Certificate of Analysis

产品名称/ product name	N-乙酰-L-酪氨酸/N-Acetyl-L-Tyrosine		
生产日期/Manufacturing Date	2022.01.16	批号/ Batch number	1322011601
检验日期/Inspection date	2022.01.16	有效期至/Expire date	2024.01.15
执行标准/Quality standard	AJ192	批量/Quantity	1000kg
检测项目/Item	标准/limit	检测结果/Results	
外观/ Appearance	White crystals or crystalline powder	White crystalline powder*	
比旋光度/Specific rotation $[\alpha]_D^{20}$	+46.5 ⁰ ~+49.0 ⁰	+47.5 ⁰	
透光度/Transmittance	≥96.0%	97.4%	
氯化物/Chloride (Cl)	≤0.020%	<0.020%	
铵盐/Ammonium	≤0.020%	<0.020%	
硫酸盐/Sulfate	≤0.020%	<0.020%	
铁/Iron (Fe)	≤30ppm	<30ppm	
重金属/Heavy metals	≤10ppm	<10ppm	
铅/Lead	≤2ppm	<2ppm	
镉/Cadmium	≤1ppm	<1ppm	
汞/Mercury	≤0.1ppm	<0.1ppm	
砷盐/Arsenic (As ₂ O ₃)	≤1ppm	<1ppm	
干燥失重/Loss on drying	≤0.50%	0.12%	
灼烧残渣/Residue on ignition	≤0.10%	0.06%	
酸度/pH value	2.0~3.0	2.49	
含量/Assay	99.0~101.0%	100.0%	
L-酪氨酸/L- Tyrosine	≤1.0%	Conforms	
堆密度/Bulk density	Only report	0.50g/mL	
紧密度/Tapped density	Only report	0.87g/mL	
目数/Mesh	Only report	40	
菌落总板数/ Total plate count	≤ 1000cfu/g	< 1000cfu/g	
酵母菌和霉菌/Yeast&Mould	≤ 100cfu/g	< 100cfu/g	
大肠菌群/Coliforms	In 25 g n.d.	Conforms	
沙门氏菌/Salmonella	In 25 g n.d.	Conforms	
金黄色葡萄球/Staphylococcus aureus	In 25 g n.d.	Conforms	
大肠埃希氏菌/Escherichia coli	Negative	Conforms	
检测结论/Conclusion	经检验分析, 本品符合 AJ192 版标准规定。 The result meet AJ192 standard, so it's the qualified product.		



检验: 李泽栋
Inspector: Li Zedong

复核: 孙文清
Checker: Sun Wenqing

批准: 徐强
Approver: Xu Qiang