



SHANDONG YANGCHENG BIOTECHNOLOGY CO., LTD.

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## 检验报告单

### Certificate of Analysis

产品名称 Product name	L-酪氨酸/ L- Tyrosine		
生产日期/ Manufacturing date	2018.05.03	批号/ Batch number	18050301
检验日期/ Inspection date	2018.05.04	有效期/ Expire date	2021.05.02
执行标准/ Quality standard	USP 39	批量/ Quantity	1000KGS
检测项目/ Item	标准/ Limit		检测结/ Results
性状/ Description	白色结晶或无色晶体性粉末,无味/ White crystals or crystalline powder, tasteless		白色结晶性粉末,无味/ White crystalline powder, tasteless
鉴定/Identification	As per USP 39		Confirm
含量/Assay	98.5% ~ 101.5%		99.8%
比旋光度 $[\alpha]_D^{25}$ / Specific rotation	-9.8° ~ -11.2°		-10.38°
氯化物/Chlorides	≤ 400ppm		< 400ppm
硫酸盐/Sulfates	≤ 400ppm		< 400ppm
铁/ Iron	≤ 30ppm		< 15ppm
铅/Lead	< 3ppm		< 3ppm
镉/ Cadmium	< 1ppm		< 1ppm
汞/ Mercury	< 0.1ppm		< 0.1ppm
重金属/Heavy metal(as Pb)	≤ 15ppm		< 15ppm
砷盐/Arsenic	≤ 1.5ppm		< 1.5ppm
干燥失重/Loss on drying	≤ 0.30%		0.11%
灼烧残渣/Residue on ignition	≤ 0.40%		0.09%
菌落总板数/ Total plate count	≤ 100cfu/g		≤ 100cfu/g
酵母菌和霉/Yeast&Mould	≤ 10cfu/g		≤ 10cfu/g
致泻大肠埃希氏菌/Coliforms	25g 未检出/ In 25g g n.d.		Absent
沙门氏菌/Salmonella	25g 未检出/ In 25 g n.d.		Absent
金黄色葡萄球/ <i>Staphylococcus aureus</i>	25g 未检出/ In 25 g n.d.		Absent
大肠埃希氏菌/ <i>Escherichia coli</i>	Absent		Absent
检测结论/ Conclusion	经检验分析, 本品符合 USP39 版标准规定, 故判定合格。 The results meet USP39-standard, so it's the qualified product.		
包装/保存 Package &Storage	纸板桶, 2层 PE 袋, 密封, 干燥; Packed in paper-drums and two PE bags inside. Store in a well-closed containers, away from moisture.		

复核人:

徐琦

Verified:

检验人:

樊文龙

Tested by: