



MEIHUA HOLDINGS GROUP CO., LTD

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梅花生物科技集团股份有限公司检验报告单 MEIHUA HOLDINGS GROUP CO., LTD CERTIFICATE OF ANALYSIS

品名 Product Name 缬氨酸 L-Valine
 批号 Batch NO. 1 150925 032 数量 Quantity 3.325T
 生产日期 Production Date 2015.09.25 有效期 Shelf life 2years

项目 Item	标准 Standard	结果 Results
性状 Appearance	结晶粉末 Crystalline powder	结晶粉末 Crystalline powder
颜色 Color	白色 Whitish	白色 Whitish
鉴定 Identification	Infrared absorption	conform
含量 Assay	98.5-101.5%	99.9%
比旋度 Specific rotation $[\alpha]_D^{25^\circ C}$	+26.6 ⁰ – +28.8 ⁰	+27.7 ⁰
干燥失重 Loss on Drying	≤0.3%	0.08%
炽灼残渣 Ignited residue	≤0.1%	0.1%
硫酸盐 Sulfate	≤0.03%	<0.03%
氯化物 Chloride (Cl)	≤0.05%	<0.03%
PH	5.5-7.0	6.4
铁 Iron	≤0.003%	<0.002%
重金属 Heavy metals	≤15ppm	Conform
砷 (Arsenic)	≤1ppm	conform
铅 (Lead)	≤3ppm	conform
镉 Cadmium	≤1ppm	conform
汞 Mercury	≤0.1ppm	conform
总菌数 Total plate count	≤1000 cfu/g	conform
酵母菌和霉菌 Yeast and Moulds	≤100 cfu/g	conform
沙门氏菌 Salmonella	Absent in 10g	Negative
大肠菌群 Coliforms	≤ 50 MPN/g	conform

结论: 本批产品符合 USP24 标准

CONCLUSION: THIS BATCH IS CONFORMING WITH THE STANDARD OF USP24

检验员: 王晓飞 INSPECTOR: Xiaofei Wang 复核: 胡小英 QUALITY CONTROL SECTION: Xiaoping Hu

