



Shanghai Al-Amin Biotech Co., Ltd.

上海阿敏生物技术有限公司

检验报告

CERTIFICATE OF ANALYSIS

品名 Product Name: Glucosamine HCL
生产日期 Manufacture Date: 2012-05-15
样品数量 Sample Weight: 50g
检验依据 Standard Specification: USP31
检验部门 Test Department: 质监部 QC Dep.

批号 Lot. No.: 2012-05-15
过期日期 Exp. Date: 2015-05-14
送验日期 Date of Delivery: 2012-05-18
报告日期 Date of Report: 2012-05-22

检验项目 Items	规格 Specification	结果 Results
鉴别 Identification	A-Infrared Absorption	Conformed
	B-Chloride	
	C- HPLC	
性状 Characteristics	A white crystalline powder	Conformed
比旋度 Specific rotation (25mg/ml)	+70.0° — +73.0°	72.00°
含量 Content	99.0%—101.0%	99.80%
硫酸盐 Sulfate	≤0.24%	<0.24%
干燥失重 Loss on drying	≤0.5%	0.04%
灼烧残渣 Residue on ignition	≤0.1%	0.05%
酸碱度 PH 值	3.5 — 5.0	4.03
氯化物 Chloride	16.2% — 16.7%	16.48%
有机溶剂 Organic volatile impurities	Meets the requirements	Conformed
铁 盐 Iron	≤10ppm	<10ppm
砷 Arsenic	≤0.5ppm	<0.5ppm
重金属 Heavy Metals	≤ 10ppm	<10ppm
总细菌数 Total plate count	≤1000cfu/g	<500cfu/g
霉菌数 Yeast & Mold	≤100 cfu/g	<20cfu/g
大肠杆菌 E. COLI	Negative	Negative
沙门氏菌 Salmonella	Negative	Negative
结论 Conclusions	USP31 Complied with USP31standard	

检验员/Analyst : MINXIAOYAN 复核员/Checker: PAN 质监部/QC Principal: TANGTIAN