

## CERTIFICATE OF ANALYSIS

产品: 氨基葡萄糖硫酸钾盐  
 Product: Glucosamine Sulfate 2Kcl  
 检验方法: USP 39  
 TEST METHOD: USP 39  
 分析日期:  
 Date of Analysis: 2017.01.04

批号:  
 Batch No: 170101  
 数量  
 QUANTITY: 1000KG  
 生产日期  
 MFG.DATE: 2017.01.04  
 有效日期:  
 EXP. DATE: 2020.01.03

指 标 Specification	标 准 Standard	检测结果 Test Result
含量 Assay (drying basis)	98%~102%	99.81%
旋光度(Specification Rotation)	47° - 53°	51.18°
P H 值 PH value(2%.25° )	3.0~5.0	4.15
干燥失重 Loss on drying	≤1%	0.06%
残渣 Residue on Ignition	26.5%~31.0%	28.23%
有机挥发物 Organic volatile impurities	Meet requirement	conform
硫酸根 Sulfate	15.5-16.5%	15.82%
钠离子 Sodium	Meet requirement	<0.1%
氯离子 Chloride	11.1%~12.3%	11.75%
重金属 Heavy metal	≤0.001%	<0.001%
铅 Lead	≤3ppm	<0.5ppm
镉 Cadmium	≤1ppm	<0.5ppm
汞 Mercury	≤0.1ppm	<0.1ppm
砷盐 Arsenic	≤3ppm	<0.5ppm
颗粒度 Mesh size	100% thru 40 mesh	conform
堆积密度 Bulk density	≥0.7g/ml	0.73g/ml
微生物检测 Microbial Limits		
总菌数 Total aerobic microbial count	≤500cfu/g	80cfu/g
杂菌数 Yeast Mold	≤100cfu/g	20cfu/g
大肠杆菌 E-Coli	Negative	Pass
肠形菌素 Coliforms	Negative	Pass
沙门氏菌 Salmonella	Negative	Pass
级别 Distinction	Food grade	
外观 Appearance	Crystallion powder,white	
存贮条件 Storage condition	Cool and dry condition	
保质期 Shelf life	3years	
结论 Conclusion	Conform to USP 39 requirements	

Conclusion: Qualified

Inspector: 工号-01

Checker: 工号-03

扬州日兴质检科

QUALITY CHECKING DEPARTMENT

江

电话:

传真