



扬州日兴生物科技股份有限公司

YANGZHOU RIXING BIO-TECH CO., LTD

CERTIFICATE OF ANALYSIS

产品：氨基葡萄糖硫酸钾盐
Product: Glucosamine Sulfate 2KCl
检验方法：USP 42
TEST METHOD: USP 42
分析日期：
Date of Analysis: 2021.04.14

批号：
Batch No: K2104064
数量
QUANTITY: 1000KG
生产日期
MFG.DATE: 2021.04.14
有效日期：
EXP. DATE: 2023.04.13

指 标 Specification	标 准 Standard	检测结果 Test Result
含量 Assay (drying basis)	98%~102%	99.57%
鉴别 Identification	A.Infrared absorption B.Tests for chloride,potassium,and sulfate C.Retention time in the Assay transmittancy	conform
旋光度(Specification Rotation)	47° - 53°	50.21°
P H 值 PH value(2%.25°)	3.0~5.0	4.13
干燥失重 Loss on drying	≤1%	0.08%
残渣 Residue on Ignition	26.5%~31.0%	28.55%
有机挥发物 Organic volatile impurities	Meet requirement	conform
硫酸根 Sulfate	15.5-16.5%	15.97%
钠离子 Sodium	Meet requirement	<0.1%
氯离子 Chloride	11.1%~12.3%	11.82%
重金属 Heavy metal	≤10ppm	<10ppm
钾 Potassium	11.7-13.0%	12.1%
铁 Iron	≤10ppm	<10ppm
铅 Lead	≤3ppm	<0.5ppm
镉 Cadmium	≤1ppm	<0.5ppm
汞 Mercury	≤0.1ppm	<0.1ppm
砷盐 Arsenic	≤1ppm	<0.5ppm
颗粒度 Mesh size	40-80mesh	conform
堆积密度 Bulk density	≥0.7g/ml	0.78g/ml
利用密度 As tapped density	Meet requirement	conform
微生物检测 Microbial Limits		
总菌数 Total aerobic microbial count	≤500cfu/g	90cfu/g
杂菌数 Yeast Mold	≤100cfu/g	20cfu/g
大肠杆菌 E-Coli	Negative	Pass
肠杆菌素 Coliforms	Negative	Pass
沙门氏菌 Salmonella	Negative	Pass
级别 Distinction	Food grade	
外观 Appearance	Crystallion powder,white	
贮存条件 Storage condition	Cool and dry condition	
保质期 Shelf life	2 years	
结论 Conclusion	Conform to USP 42 requirements	

Conclusion: Qualified

Inspector: 工号-01

Checker: 工号-03

扬州日兴质检科

