



南京春秋生物工程有限公司

Nanjing Spring & Autumn Biological Engineering Co., Ltd

检测报告

Certificate of analysis

产品名称 Product name	补骨脂酚 Backuchiol		
Plant source	补骨脂 Psoralea corylifolia Linn.		
批号 Batch no.	BGZF20230928	生产日期 Manu.date	2023.9.28
批量 Batch Quantity	100kg	有效期 Expiry date	2025.9.27
储存条件 Storage condition	室温密封 Store with seal at regular temperature	报告日期 Report date	2023.9.30

项目 Items	指标 Spe.	结果 Results	方法 Methods
Purity (HPLC)	补骨脂酚 Backuchiol $\geq 98\%$	99.48%	HPLC
Assay (HPLC)	补骨脂酚 Backuchiol $\geq 98\%$	98.95%	HPLC
Psoralen	$\leq 50.0\text{ppm}$	2.52ppm	HPLC
Isopsoralen	$\leq 50.0\text{ppm}$	35.20ppm	HPLC
Water content	$\leq 2\%$	0.34%	USP<921>
Solvent Residues	$\leq 5000\text{ppm}$	Conform	GC
Identification	Positive	Positive	TLC&NMR
外观 Appearance	Light yellow viscous liquid	Conform	Visual
重金属 Heavy metal			
总金属 Total metals	$\leq 10.0\text{ppm}$	Conform	ICP-MS
铅 Lead	$\leq 2.0\text{ppm}$	Conform	ICP-MS
汞 Mercury	$\leq 0.1\text{ppm}$	Conform	ICP-MS
镉 Cadmium	$\leq 1\text{ppm}$	Conform	ICP-MS
砷 Arsenic (As)	$\leq 1.0\text{ppm}$	Conform	ICP-MS
微生物 Microorganism			
细菌总数 Total number of	$\leq 1000\text{cfu/g}$	Conform	USP<2021>
酵母菌及霉菌 Total Yeast &	$\leq 100\text{cfu/g}$	Conform	USP<2021>
大肠杆菌 Escherichia coli	Not included	Not included	USP<2022>
沙门氏菌 Salmonella	Not included	Not included	USP<2022>
葡萄球菌 Staphylococcus	Not included	Not included	USP<2022>
结论 Conclusions	合格 Qualified		
检测 Tested by	张帅帅	批准 Approved by	陈玉俊