



Certificate of Analysis

Product Name:	Bakuchiol	Batch No.:	23112401
Source:	Psoralea corylifolia Linn.	Manufacturing Date:	2023.11.24
Report Date:	2023.11.24	Expiration Date:	2025.11.23

Testing Item	Standard	Test Result	Method
Appearance	Light yellow viscous liquid	Light yellow viscous liquid	Visual
Identification	NMR data should be consistent	Positive	NMR
Moisture by KF	≤1.0%	Complies	USP<921>
Purity(Bakuchiol)	≥99.0%	99.8%	HPLC-(% surface area)
Related substances			
Psoralen	≤50ppm	< 10ppm	HPLC
Isopsoralen	≤50ppm	< 10ppm	HPLC
Heavy Metals			
Total heavy metals	≤10.0ppm	Complies	ICP-MS
Pb	≤2.0ppm	Complies	ICP-MS
As	≤1.0ppm	Complies	ICP-MS
Cd	≤1.0ppm	Complies	ICP-MS
Hg	≤0.1ppm	Complies	ICP-MS
Residual Solvents			
Ethanol	≤5,000ppm	146.0ppm	USP <467>
n-Heptane	≤5,000ppm	87.0ppm	USP <467>
Microbiological Test			
Total Plate Count	≤100cfu/g	< 10cfu/g	AOAC
Yeast an Mold	≤10cfu/g	< 10cfu/g	AOAC
E.Coli	Absent/g	Absent	AOAC
P.Aeruginosa	Absent/g	Absent	AOAC
Staphylococcus	Absent/g	Absent	AOAC
C.albicans	Absent/g	Absent	AOAC
Storage: In tight fully filled with Nitrogen container in a cool,dark and dry place protected from direct source of heat and sunlight. Please refrigerate after opening.			
Shelf Life: 24 months under the above condition, and in its original package.			
Packing: 1kg/aluminum bottle			
Conclusion: The above results meet the requirements.			

Analyst: 张红

Checker: 舒志林

Quality Control Dept:

