

DATA SHEET

BAKUCHIOL 99% OIL

BOTANICAL SOURCE	Psoralea Corylifolia L.
PARTS USED	Seeds
EXTRACTION SOLVENT	CO ₂
ACTIVE	Bakuchiol 99%
INCI	BAKUCHIOL

SPECIFICATIONS

ANALYSIS ITEM	SPECIFICATION	TEST METHOD
Assay		
Bakuchiol (dry base), %	99.0 minimum	HPLC
Tests		
Appearance	Light yellow to reddish yellow liquid	Visual
Identification	To match with reference standard pattern	TLC
Moisture, %	1.0 maximum	Karl-Fischer
Solubility	Soluble in Alcohol & DMSO	Visual
Contaminants		
Heavy Metals, ppm	10.0 maximum	USP <231>
Arsenic (As), ppm	1.0 maximum	USP <231>
Cadmium (Cd), ppm	0.3 maximum	USP <231>
Lead (Pb), ppm	3.0 maximum	USP <231>
Mercury (Hg), ppm	0.1 maximum	USP <231>
Pesticides	Complies	USP <565><561>
Residual Solvents	Complies	USP <467>
Psoralene and Angelicin, ppm	20 maximum	HPLC
Microbiological Control		
Total Plate Count, cfu/g	1,000 maximum	USP <61>
Yeast and Mould, cfu/g	100 maximum	USP <61>
E. Coli/ Salmonella/ S. Aureus/ P. Aeruginosa, in 10 g	Absent	USP <62>

CAS-No.:	10309-37-2
Packing:	1/ 5 kg metal bottle, 20 kg metal drum
Shelf life:	5 years
Storage:	At ambient temperature, protected from light, heat, moisture and oxygen.



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