

QUALITY SPECIFICATION

Bakuchiol

Catalog No.: NST-10-85

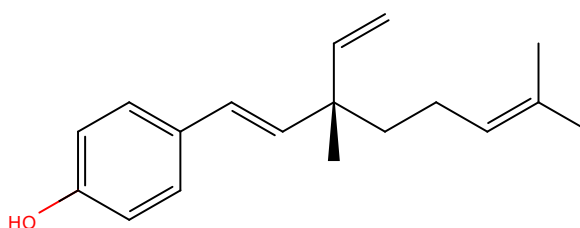
CAS No.: 10309-37-2

Molecular formula: C₁₈H₂₄O

MW: 256.4

Source: *Psoralea Corylifolia* L.

Part used: seeds



No.	Parameter	Specification	Method
1.	Appearance	Liquid	Visual
2.	Color	Light yellow to brownish red	Visual
3.	Identification	Conforms	TLC&NMR
4.	Purity	≥98.0%	HPLC
5.	Odor	Characteristic	Organoleptic
6.	Water	≤ 2.0%	Karl Fischer titration
7.	Psoralen+Angelicin	≤ 100 ppm	HPLC
8.	Heavy Metals	≤10 ppm	ICP-MS
9.	Lead	≤2 ppm	ICP-MS
10.	Arsenic	≤1 ppm	ICP-MS
11.	Mercury	≤0.1 ppm	ICP-MS
12.	Cadmium	≤1 ppm	ICP-MS
13.	TPC	Not more than 10 ³ CFU/g	ISO 6579:2002
14.	TYMC	Not more than 10 ² CFU/g	ISO 6579:2002

15.	<i>Escherichia Coli</i>	Absent	ISO 6579:2002
16.	<i>Salmonella</i>	Absent	ISO 6579:2002
17.	<i>Staphylococcus aureus</i>	Absent	ISO 6579:2002

Storage: long term storage - airtight container -15 ... -25 °C

Stability: 12 months when properly stored