

Certificate of Analysis



Sytenol[®] A Bakuchiol

Product Code: 02002
Batch No.: 10914
Date of Manufacturing: August 22nd, 2024
Date of Analysis: November 1st, 2024
Re-Test Date: August 21st, 2029
A.R. No.: FD/858/0924

Product Description

Chemical Name: Phenol, 4-[1E, 3S)-3-ethenyl-3, 7-dimethyl-1, 6-octadienyl
INCI Name: Bakuchiol
Appearance: Yellow to yellowish brown viscous liquid
CAS #: 10309-37-2

Analytical Profile	Specifications	Results
Odor	Characteristic odor with a lemony note	Complies
Purity by HPLC (% surface area)	≥ 99%	99.70
Identity by HPLC	To match with standard	Conform
Psoralene & Isopsoralene	≤ 25 ppm	3 ppm
Refractive index @ 25 °C	1.55 ± 0.02	1.55
Moisture content	≤ 0.6%	0.08%
Sulfated ash	≤ 0.5%	0.04%
Heavy Metals		
Lead (Pb)	≤ 1 ppm	BQL
Arsenic (As)	≤ 1 ppm	ND
Mercury (Hg)	≤ 1 ppm	BQL
Cadmium (Cd)	≤ 1 ppm	BQL
Residual Solvents by GC		
Methanol	≤ 25 ppm	BQL
Hexane	≤ 25 ppm	BQL
Ethyl acetate	≤ 25 ppm	BQL

	Specifications	Results
Microbial count		
Total aerobic plate count	≤ 100 CFU/g	Less than 50
Yeast and mold count	≤ 10 CFU/g	Less than 10
Escherichia coli	Absent in 1 g	Absent
Salmonella	Absent in 10 g	Absent
Staphylococcus aureus	Absent in 1 g	Absent
Pseudomonas aeruginosa	Absent in 1 g	Absent
Candida Albicans	Absent in 1 g	Absent

Storage:	Storage : Store in original, sealed container at +10 to +30° C; avoid prolong exposure to light and heat
Stability:	Min. 5 years

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