

Certificate of Analysis

Sytenol® A

Product code: BK 1023
 Batch No.: 40400920
 Date of manufacturing: Aug. 2020
 Date of Analysis: Sep. 2020
 Date of Expiry: Jul. 2022
 A.R. No.: AR/FD/188/0920

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%	99.7%
Identity by HPLC	To match with standard	Conform
Psoralene & Isopsoralene	≤ 25 ppm	2 ppm
Refractive index @ 25 °C	1.55 ± 0.02	1.55
Moisture content	≤ 0.75%	0.04%
Sulfated ash	≤ 0.5%	0.04%
Heavy Metals		
Lead (Pb)	≤ 1 ppm	< 1 ppm
Arsenic (As)	≤ 1 ppm	< 1 ppm
Mercury (Hg)	≤ 1 ppm	< 1 ppm
Cadmium (Cd)	≤ 1 ppm	< 1 ppm
Residual Solvents by GC		
Methanol	≤ 25 ppm	BQL
Hexane	≤ 25 ppm	1 ppm
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:	Store in original, sealed container at +15 to +30° C; avoid light and heat
Stability:	Min. 2 years

Date: 05/09/2020	Approved by Quality Assurance
------------------	-------------------------------

This document is generated electronically and is valid without a signature