

# Certificate of Analysis

## Sytenol® A

Product code: BK 1023  
 Batch No.: 41181221  
 Date of manufacturing: November 4<sup>th</sup>, 2021  
 Date of Analysis: January 13<sup>th</sup>, 2022  
 Date of Expiry: November 3<sup>rd</sup>, 2025  
 A.R. No.: AR/FD/349/1221

### 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%	99.8%
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%	0.04%
Sulfated ash	≤ 0.5%	0.05%
<b>Heavy Metals</b>		
Lead (Pb)	≤ 1 ppm	ND
Arsenic (As)	≤ 1 ppm	BQL
Mercury (Hg)	≤ 1 ppm	BQL
Cadmium (Cd)	≤ 1 ppm	BQL
<b>Residual Solvents by GC</b>		
Methanol	≤ 25 ppm	BQL
Hexane	≤ 25 ppm	1 ppm
Ethyl acetate	≤ 25 ppm	BQL