

Certificate of Analysis

(Representative Sample Certificate)

Product Name: Bakuchiol
INCI Name: Bakuchiol, Water
CAS Number: 10309-37-2, 7732-18-5
Lot Number: Not available (data may vary slightly with different lots or batches)
Expiration Date: 60 months from production date

Property	Specification	Analysis
Description (Visual)	Light brown to honey color viscous liquid	Complies
Identification by TLC (QC/STP-TLC/031)	To match with the reference standard pattern	Complies
Moisture by KF (USP <921>)	NMT 1.0%	0.44%
Solubility (USP)	Soluble in alcohol & DMSO	Complies
% Assay by HPLC Content of Bakuchiol (QC/STP-IN/044)	NLT 99.0% w/w on dry basis	99.42%
Related Substances by HPLC - Content of Psoralene & Angelicin (QC/STP-IN/044)	NMT 200.0 ppm	Not Detected
Heavy Metals (USP <2232>)	NMT 10.0 ppm	Complies
Lead (ICP-OES)	NMT 3.0 ppm	<0.05ppm
Arsenic (ICP-OES)	NMT 1.0 ppm	<0.05 ppm
Cadmium (ICP-OES)	NMT 0.3 ppm	<0.02 ppm
Mercury (ICP-OES)	NMT 0.1 ppm	<0.01 ppm
Residual Solvents (USP <467>)	Should comply by ICH/USP	Complies
Residual Pesticides (USP <561>)	To comply as per ICH/USP	Complies

Disclaimer: This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy themselves as to the suitability & completeness of such information for their own particular use.

Total Plate Count (USP <2021>)	NMT 100 CFU/g	<10 CFU/g
Yeasts & Molds Count (USP <2021>)	NMT 10 CFU/g	Absent
Escherichia coli (USP <2022>)	Absent/ 10g	Absent
Salmonella (USP <2022>)	Absent/ 10g	Absent
Staphylococcus aureus (USP <2022>)	Absent/ 10g	Absent

NMT: Not More Than NLT: Not Less Than BDL: Below Detectable Limit

“Certified in compliance with the terms of the US-Canada Organic Equivalency Arrangement. The above data was obtained using the test indicated and is subject to the deviation inherent in the test method. Results may vary under other test methods or conditions.”

This report is not to be signed. All data are as per our supplier.

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