

Format No: QA-F 007	Revision No: 3
Ref. SPC No: KVN/QA/SPE/071	Effective Date: 07.05.2020

PRODUCT SPECIFICATION

QUALITY CONTROL DEPARTMENT	
Product Name	NeuvaChiol™ [Bakuchiol 99%]
Product Code	CEPC02
Botanical Name	<i>Psoralea corylifolia</i>
Plant part	Seed
Standardization	Bakuchiol
Chemical Formula	C ₁₈ H ₂₄ O
Molecular weight	256.38 g/mol

S. No	Parameters	Specification	Method
PHYSICAL			
1	Description	Light brown to honey color viscous liquid with characteristic odor	Visual and Organoleptic
2	Identification by TLC	To match with the reference Standard	KVN/QC/STP-TLC/031
3	Moisture by KF	NMT 1.0% w/w	USP <921>
4	Solubility	Soluble in Alcohol and DMSO	USP
CHEMICAL			
5	%Assay By HPLC Content of Bakuchiol	NLT 99.0% w/w on dry basis	KVN/QC/STP-IN/044
6	Related substances by HPLC Content of Psoralene & Angelicin	NMT 200.0ppm w/w on dry basis	KVN/QC/STP-IN/044
OTHERS			
7	Heavy Metals	NMT 10.0ppm	USP <2232>
	Lead	NMT 3.0ppm	ICP-OES
	Arsenic	NMT 1.0ppm	ICP-OES
	Cadmium	NMT 0.3ppm	ICP-OES
	Mercury	NMT 0.1ppm	ICP-OES
8	Residual solvents	To comply as per USP/ ICH guideline	USP <467>
9	Residual Pesticides	To comply as per USP for botanicals	USP <561>
Microbiological Profile			
10	Total plate count	NMT 3000cfu/g	USP <2021>
	Yeast and molds count	NMT 100cfu/g	USP <2021>
	Escherichia coli	Absent /10g	USP <2022>
	Salmonella	Absent /10g	USP <2022>
	Staphylococcus aureus	Absent /10g	USP <2022>
	Pseudomonas aeruginosa	Absent /10g	USP <62>

KV Natural Ingredients Pvt. Ltd.

CIN No.: U51909TG2013PTC088485

3-6-475, Himayatnagar main road, beside HDFC bank,
Hyderabad - 500029, Telangana, India. Ph : +91 40 29887441, Email : sales@kvnaturals.com | www.kvnaturals.com | www.neuvacosmetics.com



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Additional Information	
Sanitizing treatment	Non- irradiated and not treated with ETO
Genetic Modification Status	GMO free
Storage condition	Store at room temperature
Allergen Statement	Free from Allergen
Manufactured by	K V Natural Ingredients Private Limited 3-6-475, Himayatnagar Main road, Beside HDFC bank, Hyderabad-500029, Telangana, India
Since the product is derived from Natural origin, there is likely to be minor color variation because of the geographical and seasonal variations of the source of raw material	

For K V Natural Ingredients Pvt. Ltd

Vijay K



Dr. Vijay Kumar. K
Director-Technical

KV Natural Ingredients Pvt. Ltd.

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