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Herbal Creations[®]
CERTIFICATE OF ANALYSIS

nurtured by nature

Product : METHOXSALEN USP 48
 Name of Mfg/Supplier : HERBAL CREATIONS
 Date of Mfg. : 17-10-2025
 TR. No. : HC-AR-FP-25-0024

Batch No. : HCFMPC250016
 Date of Analysis : 17-10-2025
 Date of Expiry : 16-10-2030

Parameter	Specification	Result
Description	White colored Needle-like crystals/ White colored crystalline powder	White colored crystalline powder
Identification		
A. Spectroscopic identification test	By IR absorption	Complies with Std.
B. Retention time (Assay)	The retention time of the major peak of the sample solution corresponds to that of the standard solution, as obtained in the assay.	Complies with Std.
Specific Tests		
A. Water determination	NMT 0.5% w/w	0.28% w/w
Heavy metals	NMT 20ppm	Less than 20ppm
Melting range	143° -148° C	145° C
Solubility	Freely soluble in chloroform; soluble in boiling alcohol, in acetone, in acetic acid, in propylene glycol and in benzene; sparingly soluble in boiling water and in ether; practically insoluble in water.	Complies
Impurities		
A. Residue on ignition	NMT 0.1% w/w	0.038% w/w
B. Organic impurities		
1. Methoxsalen related compound A	NMT 0.15% w/w	Not Detected
2. Methoxsalen related compound B	NMT 0.15% w/w	Not Detected
3. Any individual unspecified impurities	NMT 0.1% w/w	Not Detected
4. Total impurities	NMT 0.5% w/w	Not Detected
Assay		
Assay (on anhydrous basis by HPLC)	98-102% w/w	101.06% w/w
Residual Solvents		
A. Hexane	NMT 290 ppm	Not Detected
B. Toluene	NMT 890 ppm	Not Detected
C. Methanol	NMT 3000 ppm	Not Detected

Remarks: The material product complies as per USP 48 and In-House specification

Examyg
 Analysed by

HERBAL CREATIONS

Approved by
 Authorised Signatory

Manufacturing Unit:
 Herbal Creations
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