

METAPHARMACEUTICAL

N DE LOTE:

0110623

12/06/2023

Herbal creations

nurtured by nature

Drug Mfg.Lic.No.56/UA/2010

CERTIFICATE OF ANALYSIS

Product : METHOXSALEN USP 43 Batch No. : HCFMPC230005
Name of Mfg/Supplier : HERBAL CREATIONS Date of Analysis : 10-04-2023
Date of Mfg. : 10-04-2023 Date of Expiry : 09-04-2028
TR. No. : HC-AR-FP-23-0009

Parameter	Specification	Result
Description	White colored crystalline powder	White colored crystalline powder
Identification	By IR absorption	Complies with Std.
Heavy Metals	NMT 20 ppm	Less than 20 ppm
Melting Range	143°-148° C	144° C
Water	NMT 0.5% w/w	0.27% w/w
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
Residue on ignition	NMT 0.1% w/w	0.043%w/w
Chromatographic impurities (By TLC)	NMT 1%	Complies with USP
Organic Impurities		
Methoxsalen related Compound A	NMT 0.15%w/w	Nil
Methoxsalen related Compound B	NMT 0.15%w/w	Nil
Unspecified Impurities	NMT 0.1%w/w	Nil
Total Impurities	NMT 0.5%w/w	Nil
Assay		
Assay (on anhydrous basis by HPLC)	98-102%	99.95% w/w
Residual solvent used (i) Hexane (ii) Toluene (iii) Methanol	NMT 290 ppm NMT 890 ppm NMT 3000 ppm	Not Detected Not Detected Not Detected

Remarks: The material complies with specification

(ANALYST)

10-04-2023

Works:
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