

Lot 0070219



MANUFACTURING SITE Via Bedeschi, 22- 24040 CHIGNOLO D'ISOLA (BG) - Italy

CERTIFICATE OF ANALYSIS

MELATONIN F

N-(2-(5-methoxy-1H-indol-3-yl)ethyl)acetamide

BATCH: 0018000118
MANUFACTURING DATE: 02/13/2018
CODE MATERIAL: FC00000019
ANALYSIS REF. NO.: 890000001804
CAS NO.: 73-31-4

QUANTITY: 10 KG
RETEST DATE: 01/18/2023
REF.: BP
SPEC.REV.: 17

TESTS

SPECIFICATIONS

UM

RESULTS

ANALYTICAL METHOD REFERENCES

Aspect
Colour
Identification (IR)
Identification (HPLC)
Solubility (5% w/v ethyl alcohol)
Appearance of solution
Melting Point
Water Content
Assay (HPLC)
Purity (HPLC)
Each Unknown Impurity (HPLC)
5-Methoxytryptamine (HPLC)
Total Impurities (HPLC)
Sulphated Ash
Residual Methyl Alcohol
Residual 2-Propanol
Residual Tert Butyl Methylether
Ethyl Acetate (GC)

Crystalline powder
Ivory to beige
Must comply
Must comply
Complete
Clear, <BY3 EP
116.0 - 118.5
≤ 0.3
98.0 - 102.0
≥ 99.0
≤ 0.10
≤ 0.10
≤ 1.0
≤ 0.1
≤ 1 000
≤ 2 000
≤ 1 000
≤ 1 000

°C
%
% d.b.
%
%
%
%
%
ppm
ppm
ppm
ppm

Crystalline Powder
Ivory
Complies
Complies
Complete
Clear, <BY3 EP
118.5
0.0
99.5
100.0
< 0.05
< 0.05
0.0
0.0
0
538
2
55

Ph.Eur. <2.2.1>

Electronically signed by:
Stefano Gobbato
Quality Control
0/30/2018 - APPROVED
Printed on 11/05/2018
Document date format: mm/dd/yyyy

Maurizio Goffredo
Qualified Person
10/31/2018 - RELEASED

ACEF S.P.A. / P.O. 2018 7180

FLAMMA S.p.A. CHIGNOLO D'ISOLA
Via Bedeschi, 22 - 24040 Chignolo d'Isola (BG) - Italy
Phone +39 035 4991811 - Fax +39 035 4991812

FLAMMA S.p.A. IVO
Via Bedeschi, 22 - 24040 Chignolo d'Isola (BG) Italy - info@flamma.it
Phone +39 035 4991811 - Cap.Soc. i.v. Euro 1.280.000
VAT/P.Iva, C.F., Reg.Impr.Bg: (IT) 03709030161 R.E.A. BG-401745

flammagroup.com