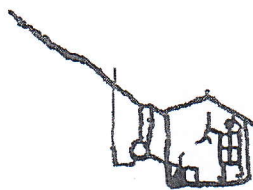


FAGRON IBÉRICA, S.A.U
Corresponde al lote de Fagron:

15 B18-101-00391

Director Técnico

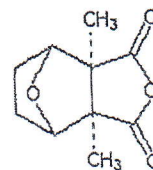


**REFORM
Italia srl**

Via G. P. P. 13
Pianigiano 10100
INDINI (Bologna)
Tel. +39-051-32.69.30
Fax +39-051-82.32.153

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Laboratorio Controllo Qualità
QC Lab. Manager Dr. Stefano Patroni

Certificate of Analysis 869

Batch 414/01/14

20 November 2014

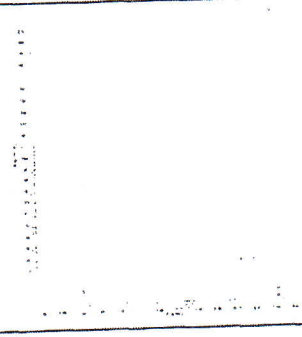
Manufacturing date: 18 November 2014

Cantharidin

2,3-Dimethyl-7-Oxabicyclo-(2,2,1)heptane-2,3 dicarboxylic anhydride
(Mylabris Extract, purified, Cantharidin BPC)

Formula: $C_{10}H_{12}O_4$

MW: 196.21

Specification	Method	Should	Is
Appearance:	Internal	Colourless glistening orthorhombic plates	Complies
TLC Identification: Performed on Silica Gel plates (Fluka) in comparison with standard. Eluent: acetone anhydrous (100%) Detection: Iodine saturated chamber for 30 minutes.	Internal	1 single spot; the product is chromatographically pure.	Complies
GLC: Column: Agilent DB-5MS 15m Flow: Helium 2 mL/min Injector: 250°C Detector: FID 300°C Temperature: 2 minutes at 60°C to 250°C (20°C/min) for 5 minutes 5 µL of a 0.5 mg/mL solution in acetone	Internal	> 98,0 % 	99,78%
Melting point:	Internal	216-218°C (BPC)	216°C
Solubility:	Internal	Very slightly soluble in water; soluble in acetone (1 gram / 40mL) and chloroform (1 gram in 55mL)	Complies
Residue on ignition:	Internal	< 0,1 % (BPC)	0,04%

Cantharidin batch 414/01/14 conforms to the British Pharm. Codex 1949

Shelf life: If properly stored in closed containers in the dark at temperature not exceeding 30°C, the Substance is stable at least 5 years.

Expiry date: 17 November 2019

Operator: Dr. Paolo Federici

The manufacturer guarantees identity and purity of this substance, as reported in the certificate of analysis: the substance itself is intended for research purposes only, not for food, drug, household or any other use, and it can be supplied for export only under the condition that the authorities of the country of destination allow its import into that country. The manufacturer, having no control on its further employ, cannot be regarded as responsible for its further use after import.