

REFORM Italia srl

Via Giorgio Paglia, 33 Piangaiano – I-24060 ENDINE (Bergamo) Tel. ++39-035 – 82 69 39 Fax ++39-035-82 32 133 AZIENDA CON SISTEMA DI GESTIONE QIALITÀ UNI EN ISO 9001:2008 CERTIFICATO DA CERTIQUALITY

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e-mail: <u>reformitaliasrl@gmail.com</u> **web site:** http://digilander.libero.it/reform

Laboratorio Controllo Qualità QC Lab. Manager Dr. Stefano Patroni

Certificate of Analysis 875 Batch 414/02/14		15 December 2014 Manufacturing date: 10 December 2014	
Cantharidin 2,3-Dimethyl-7-Oxabicyclo-(2,2,1)heptane-2,3 dicart (Mylabris Extract, purified, Cantharid	ooxylic anhydride in BPC)	Formula: C ₁₀ H ₁₂ O ₄ MW: 196.	21
Specification	Method	Should	ls
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 15mt 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 %	99,8%
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)	0,03%

Cantharidin batch 414/02/14 conforms to the British Pharm. Codex 1949

 $\underline{\underline{Shelf \ life:}}\ lf\ properly\ stored\ in\ closed\ containers\ in\ the\ dark\ at\ temperature\ not\ exceeding\ 30°C,\ the\ Substance\ is\ stable\ at\ least\ 5\ years.$

Expiry date: 09 December 2019

Operator: Dr. Paolo Federici, Dr. Stefano Patroni

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.