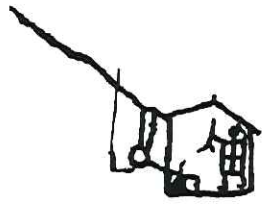
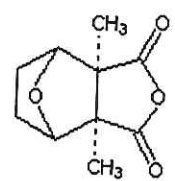


|                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                               |                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
|  <p><b>REFORM<br/>Italia srl</b></p> <p>Via Giorgio Paglia, 33<br/>24060 ENDRINE GATTAIO (Bergamo)<br/>Tel. 035.8232133 - Fax 035.8232133</p> | <p>AZIENDA CON<br/>SISTEMA<br/>DI GESTIONE<br/>QUALITÀ<br/>UNI EN ISO<br/>9001:2008<br/>CERTIFICATO DA<br/>CERTIQUALITY</p> <p>ORGANIZATION<br/>WITH<br/>QUALITY<br/>MANAGEMENT<br/>SYSTEM<br/>UNI EN ISO<br/>9001:2008<br/>CERTIFIED BY<br/>CERTIQUALITY</p> |                               |
| <p>e-mail: <a href="mailto:reformitaliasrl@gmail.com">reformitaliasrl@gmail.com</a><br/>web site: <a href="http://digilander.libero.it/reform">http://digilander.libero.it/reform</a></p>                                      |                                                                                                                                                                                                                                                               | <p>Laboratorio Controllo Qualità<br/>G.C. Merotti, Dr. Chim., Dr. Pharm.<br/>M. Merotti, Dr. Chim. et Pharm.</p> |

| Certificate of Analysis 809<br>Batch 193/02/13                                                                                                                                                                     |          | 26 September 2013<br>Manufacturing date: September 2013                                            |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------|----------|
| Cantharidin<br>2,3-Dimethyl-7-Oxabicyclo-(2,2,1)heptane-2,3 dicarboxylic anhydride<br>(Mylabris Extract, purified, Cantharidin BPC)                                                                                |          | Formula: C <sub>10</sub> H <sub>12</sub> O <sub>4</sub> MW: 196.21                                 |          |
| Specification                                                                                                                                                                                                      | Method   | Should                                                                                             | Is       |
| Appearance:                                                                                                                                                                                                        | Internal | Colourless glistening orthorhombic plates                                                          | Complies |
| TLC Identification:<br>Performed on Silica Gel plates (Fluka) in comparison with standard.<br>Eluent: acetone anhydrous (100%)<br>Detection: Iodine saturated chamber for 30 minutes.                              | Internal | 1 single spot; the product is chromatographically pure.                                            | Complies |
| GLC:<br>Column: Agilent DB-5MS 15mt<br>Flow: Helium 2 mL/min<br>Injector: 250°C Detector: FID 300°C<br>Temperature: 2 minutes at 60°C to 250°C (20°C/min) for 5 minutes<br>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)                                                                                      | n.d.     |

|                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------|
| Cantharidin batch 193/02/13 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: August 2018                                                                                                                     |
| Operator: Dr. Paolo Federici                                                                                                                 |

**REFORM ITALIA s.r.l.**

Via Giorgio Paglia, 33

24060 ENDRINE GATTAIO (Bergamo)

Tel. 035.8232133 - Fax 035.8232133

Cod. Fisc. e Part. IVA: 01300280169

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.