

# CERTIFICATE OF ANALYSIS

Name: 2109-999 - Papaveris rhoead.flor. EF 250g

Werkorder: 135692

Lot number: 19J23/V08085

Expiry date: 30/09/2022

| Parameter                            | Measured Value | Specification Value Range | Analysis Method |
|--------------------------------------|----------------|---------------------------|-----------------|
| <b>Reference</b>                     |                |                           |                 |
| REFERENCE: Conforma                  |                |                           |                 |
| <b>Characters</b>                    |                |                           |                 |
| Description: Dark red liquid         | conform        | conform                   |                 |
| Solubility                           | conform        | conform                   | Conforma        |
| <b>Identification</b>                |                |                           |                 |
| A.: Colour reaction                  | positive       | positive                  | Conforma        |
| B.: Thin-layer chromatography        | positive       | positive                  | Conforma        |
| <b>Tests</b>                         |                |                           |                 |
| Residue on drying                    | 27 % m/m       | 26 - 28 % m/m             | Ph. Eur.        |
| Relative density                     | 1,092          | 1,090 - 1,110             | Ph. Eur.        |
| Ethanol                              | 24 % V/V       | 21 - 24 % V/V             | Conforma        |
| Methanol                             | < 0,05 % V/V   | < 0,05 % V/V              | Conforma        |
| 2-Propanol                           | < 0,05 % V/V   | < 0,05 % V/V              | Conforma        |
| Absorbance                           | 0,5            | > 0,3                     | Conforma        |
| Ratio herb/native extract            | 1/1            |                           | Ph. Eur.        |
| Pesticide residues                   | not detectable | not detectable            | Conforma        |
| <b>Heavy metals</b>                  |                |                           |                 |
| Lead                                 | < 0,020 ppm    | < 5,000 ppm               | Conforma        |
| Cadmium                              | < 0,005 ppm    | < 1,000 ppm               | Conforma        |
| Mercury                              | < 0,005 ppm    | < 0,100 ppm               | Conforma        |
| <b>Microbial contamination</b>       |                |                           |                 |
| TAMC                                 | 0 cfu/g        | < 100.000 cfu/g           | Ph. Eur.        |
| TYMC                                 | 0 cfu/g        | < 10.000 cfu/g            | Ph. Eur.        |
| Bile-tolerant gram-negative bacteria | 0 cfu/g        | < 10.000 cfu/g            | Ph. Eur.        |
| E. coli                              | absent in 1g   | absent in 1g              | Ph. Eur.        |
| Salmonella                           | absent in 25g  | absent in 25g             | Ph. Eur.        |
| <b>Release</b>                       |                |                           |                 |
| Conclusion                           | conform        | conform                   |                 |
| Date                                 | 24/06/2020     |                           |                 |

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Signed by: Filip Van Houtte

Qualified Person