

**CERTIFICATE OF ANALYSIS**

**PRODUCT NAME :**  
SUMI-ALFA 5 EC

**LOT.No :**  
SMA903013

**DATE :**  
2019.03.14.

|                       | RESULT  | UNIT                               | LL      | UL   | METH.            | ANALYT.COND.  |
|-----------------------|---------|------------------------------------|---------|------|------------------|---|
| Appearance            | Conform | CLEAR,<br>PALE<br>YELLOW<br>LIQUID | CONFORM |      | VISUAL           |   |
| pH                    | 6       |                                    | 3       | 7    | CIPAC MT<br>75   |   |
| Density               | 0,90    | G/ML                               | 0,89    | 0,91 | DENSITY<br>METER | AT 20 °C  |
| Esfenvalerate content | 5,2     | W/V %                              | 4,8     | 5,2  | HPLC             | AT 20 °C  |
| Emulsion stability    | 0       | ML CREAM                           |         | 2    | CIPAC MT<br>36   | 0,1% IN 342<br>PPM ST.<br>WATER<br>AFTER 1<br>HOUR AT<br>30 °C  |
| Emulsion stability    | 0       | ML CREAM                           |         | 2    | CIPAC MT<br>36   | 5 % IN 34,2<br>PPM ST.<br>WATER<br>AFTER 1<br>HOUR AT<br>30 °C  |
| Emulsion stability    | 0       | ML CREAM                           |         | 2    | CIPAC MT<br>36   | 5 % IN 342<br>PPM ST.<br>WATER<br>AFTER 1<br>HOUR AT<br>30 °C   |
| Emulsion stability    | 0       | ML CREAM                           |         | 2    | CIPAC MT<br>36   | 0,1% IN 34,2<br>PPM ST.<br>WATER<br>AFTER 1<br>HOUR AT<br>30 °C |