



66.0160714

## GATTEFOSSÉ Certificate of Analysis

Product name : PLUROL DIISOSTEARIQUE CG

Item N° : 5793BFC

Batch N° : 145359

Manufacturing date : 01.2014

Reevaluation date : 01.2017

Specification N° : 5793/1

Customer reference : GATTEFOSSE ESPANA

Customer code : S008

Delivery N° : 80140908

Analysis date : 01.2014

Inspection lot : 40000083747

### CHEMICAL DEFINITION :

Polyglyceryl-3 Diisostearate.

| Characteristic                        | Method | Specification      | Result     |
|---------------------------------------|--------|--------------------|------------|
| APPEARANCE                            | MA0193 | Viscous liquid     | Conforms   |
| ODOUR                                 | MA0170 | Faint              | Conforms   |
| COLOUR (Gardner Scale)                | MA0214 | < = 5.0            | 1.2        |
| REFRACTIVE INDEX AT 20°C              | MA0011 | 1.469 to 1.475     | 1.473      |
| ACID VALUE                            | MA0008 | < = 3.00 mgKOH/g   | 1.44       |
| SAPONIFICATION VALUE                  | MA0022 | 128 to 160 mgKOH/g | 142        |
| IODINE VALUE                          | MA0092 | < = 3.0 gI2/100g   | < = 3.0*   |
| HYDROXYL VALUE                        | MA0023 | 180 to 230 mgKOH/g | 221        |
| PEROXIDE VALUE                        | MA0010 | < = 6.0 meqO2/kg   | < 0.1      |
| WATER CONTENT                         | MA0007 | < = 0.50 %         | 0.06       |
| RESIDUE ON IGNITION                   | MA0028 | < = 0.50 %         | < = 0.50*  |
| HEAVY METALS CONTENT (Pb)             | MA0032 | < 10 ppm           | Conforms * |
| SUM OF FATTY ACIDS ELUTING C16 to C18 | MA0002 | > = 60.0 %         | 74.5       |
| SUM OF FATTY ACIDS C14, C16 AND C18   | MA0002 | < = 11.0 %         | 7.9        |

\* Characteristics guaranteed but not certified.

This batch was released by our authorized Quality Manager and was found to meet the specifications as stated above. The above results do not discharge the customer from the obligation to carry out an inspection of goods received.

This report has been produced electronically and does not require a signature.

Printing Date : 02.05.2014

Quality Manager  
Magali DRONNIER