



Date 07.01.14

GATTEFOSSE
Certificate of Analysis

Product name : LAS

Item N° : 5167BFC

Batch N° : 147645

Manufacturing date : 05.2014

Reevaluation date : 05.2017

Specification N° : 5167/2

Customer reference : GATTEFOSSE ESPANA

Customer code : S008

Delivery N° : 80148368

Analysis date : 05.2014

Inspection lot : 40000084538

CHEMICAL DEFINITION :

PEG-8 Caprylic/Capric Glycerides.

Characteristic	Method	Specification	Result
APPEARANCE	MA0193	Oily liquid	Conforms
ODOUR	MA0170	Faint	Conforms
COLOUR (Gardner Scale)	MA0214	< = 5.0	0.7
SPECIFIC GRAVITY AT 20°C (D20/4)	MA0005	1.060 to 1.070	1.064
REFRACTIVE INDEX AT 20°C	MA0011	1.450 to 1.470	1.460
VISCOSITY AT 20°C	MA0025	80 to 110 mPa.s	90
ACID VALUE	MA0008	< = 1.0 mgKOH/g	0.5
SAPONIFICATION VALUE	MA0022	85 to 105 mgKOH/g	99
IODINE VALUE	MA0092	< = 2.0	< = 2.0*
PEROXIDE VALUE	MA0010	< = 12.5 meqO2/kg	< 0.1
ALKALINE IMPURITIES	MA0009	< = 80 ppm NaOH	6
WATER CONTENT	MA0007	< = 0.50 %	0.03
FREE GLYCEROL CONTENT	MA0293	< = 5.0 %	1.8
SULPHATED ASHES CONTENT	MA0028	< = 0.10 %	< = 0.10*
HEAVY METALS CONTENT (Pb)	MA0032	< 10 ppm	Conforms *

* 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 : 07.01.2014

Quality Manager
Magali DRONNIER