



Lote: 8060115

GATTEFOSSÉ
Certificate of Analysis**Product name** : ISOSTEARYL ISOSTEARATE**Item N°** : 5166BFB**Batch N°** : 148727**Manufacturing date** : 07.2014**Reevaluation date** : 07.2017**Specification N°** : 5166/1**Customer reference** : GATTEFOSSE ESPANA**Customer code** : S008**Delivery N°** : 80155256**Analysis date** : 07.2014**Inspection lot** : 40000084950**CHEMICAL DEFINITION :**

Isostearyl isostearate.

Characteristic	Method	Specification	Result
APPEARANCE	MA0193	Oily liquid	Conforms
ODOUR	MA0170	Faint	Conforms
COLOUR (Gardner Scale)	MA0214	< = 2.0	0.1
SPECIFIC GRAVITY AT 20°C (D20/4)	MA0005	0.840 to 0.880	0.860
REFRACTIVE INDEX AT 20°C	MA0011	1.450 to 1.470	1.458
VISCOSITY AT 20°C	MA0025	30 to 60 mPa.s	48
ACID VALUE	MA0008	< = 6.00 mgKOH/g	4.38
SAPONIFICATION VALUE	MA0172	90 to 110 mgKOH/g	100
IODINE VALUE	MA0092	< = 8.0 gI ₂ /100g	1.7
PEROXIDE VALUE	MA0010	< = 6.0 meqO ₂ /kg	< 0.1
ALKALINE IMPURITIES	MA0009	< = 30 ppm NaOH	4
WATER CONTENT	MA0007	< = 0.50 %	0.02
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 : 11.04.2014

Quality Manager
Magali DRONNIER