



Lote: 0180714

GATTEFOSSE
Certificate of Analysis**Product name** : EMULIUM KAPPA 2**Item N°** : 5822CCC**Batch N°** : 146598**Manufacturing date** : 03.2014**Reevaluation date** : 03.2017**Specification N°** : 5822/1**Customer reference** : GATTEFOSSE ESPANA**Customer code** : S008**Delivery N°** : 80145860**Analysis date** : 03.2014**Inspection lot** : 40000084152**CHEMICAL DEFINITION :**

Anionic emulsifier, mixture of: Candelilla/Jojoba/Rice Bran
Polyglyceryl-3 Esters, Glyceryl Stearate, Cetearyl alcohol
and Sodium Stearoyl Lactylate.

Characteristic	Method	Specification	Result
APPEARANCE	MA0193	Waxy solid	Conforms
ODOUR	MA0170	Vegetable wax	Conforms
DROP POINT (METTLER)	MA0003	43.0 to 52.0 °C	49.6
ACID VALUE	MA0008	14.0 to 25.0 mgKOH/g	19.3
SAPONIFICATION VALUE	MA0022	100 to 130 mgKOH/g	125
IODINE VALUE	MA0092	10.0 to 20.0 gI2/100g	12.6
PEROXIDE VALUE	MA0010	< = 6.0 meqO2/kg	0.6
WATER CONTENT	MA0007	< = 0.50 %	0.03
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 : 05.07.2014

Quality Manager
Magali DRONNIER