



Lote: 0070613

GATTEFOSSE

Certificate of Analysis

Product name : EMULIUM DELTA

Item N° : 5395CCC

Batch N° : 141926

Manufacturing date : 04.2013

Reevaluation date : 04.2016

Specification N° : 5395/5

Customer reference : GATTEFOSSE ESPANA

Customer code : S008

Delivery N° : 80128718

Analysis date : 04.2013

Inspection lot : 40000082587

CHEMICAL DEFINITION :

Emulsifier, mixture of: Cetyl Alcohol, Glycerol Stearate,
PEG-75 Stearate and Ethoxylated fatty alcohols (Ceteth-20,
Steareth-20).

Characteristic	Method	Specification	Result
APPEARANCE	MA0193	Waxy solid	Conforms
ODOUR	MA0170	Faint	Conforms
COLOUR (Gardner Scale)	MA0214	≤ 2.0	0.7
DROP POINT (METTLER)	MA0003	49.0 to 52.0 °C	50.9
pH (at 5% in water)	MA0024	4.0 to 6.5	4.7
ACID VALUE	MA0008	≤ 3.0 mgKOH/g	1.1
SAPONIFICATION VALUE	MA0022	50 to 70 mgKOH/g	62
IODINE VALUE	MA0092	≤ 3.0 gI ₂ /100g	0.4
WATER CONTENT	MA0007	≤ 0.50 %	0.12
TOTAL ASHES CONTENT	MA0028	≤ 0.50 %	≤ 0.50 *
HEAVY METALS CONTENT (Pb)	MA0032	≤ 10 ppm	Conforms *
1,4-DIOXANE CONTENT	MA0140	≤ 50 ppm	12

* 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 : 05.22.2013

Quality Manager
Magali DRONNIER