



GATTEFOSSÉ

Certificate of Analysis

Product name : SOLUBILISANT GAMMA 2429

Item N° : 3402BPC

Batch N° : 153702

Manufacturing date : 06.2015

Reevaluation date : 06.2018

Specification N° : 3402/1

Customer reference : GATTEFOSSE ESPANA

Customer code : S008

Delivery N° : 80172109

Analysis date : 06.2015

Inspection lot : 40000086534

CHEMICAL DEFINITION :

Solubilizer, mixture of: PEG-40 Hydrogenated Castor Oil, PEG-20 Sorbitan Monolaurate, PEG-12 Octyl Phenyl Ether and Water.

Characteristic	Method	Specification	Result
APPEARANCE	MA0193	Oily liquid	Conforms
ODOUR	MA0170	Faint	Conforms
COLOUR (Gardner Scale)	MA0214	< = 3.5	0.8
SPECIFIC GRAVITY AT 20°C (D20/4)	MA0005	1.066 to 1.096	1.083
REFRACTIVE INDEX AT 20°C	MA0011	1.450 to 1.485	1.469
pH (at 10% in water)	MA0024	4.5 to 7.0	6.5
ACID VALUE	MA0008	< = 3.00 mgKOH/g	0.71
SAPONIFICATION VALUE	MA0022	30 to 50 mgKOH/g	41
IODINE VALUE	MA0092	< = 6.0 gI2/100g	3.0

* 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 : 09.15.2015

Quality Manager
Magali DRONNIER