



GATTEFOSSE

METAPHARMACEUTICAL

N DE LOTE:

0190725

Certificate of Analysis

25/02/2025

Product name : EMULCIRE 61 WL 2659

Item N° : 5240CCC

Batch N° : 202348

Manufacturing date : 08.2024

Expiry date : 08.2027

Specification N° : 5240/2

Customer reference : KUHNE ET NAGEL S.A.

Customer code : 202955

Delivery N° : 80355936

Analysis date : 08.2024

Inspection lot : 40000104004

CHEMICAL DEFINITION :

Emulsifier, mixture of : Cetyl Alcohol EP/NF current edition
and Ethoxylated Fatty Alcohols (Ceteth-20, Steareth-20) EP/NF
current edition.

Characteristic	Method	Specification	Result
APPEARANCE	MA0193	Waxy solid	Conforms
ODOUR	MA0170	Faint	Conforms
COLOUR (Gardner Scale)	MA0214	< = 3.0	0.1
DROP POINT (METTLER)	MA0003	46.5 to 50.5 °C	48.8
pH (at 10% in water)	MA0024	5.0 to 8.0	7.8
ACID VALUE	MA0008	< = 1.00 mgKOH/g	0.05
SAPONIFICATION VALUE	MA0022	< = 5.0 mgKOH/g	1.1
IODINE VALUE	MA0092	< = 3.0 gI ₂ /100g	< = 3.0*
WATER CONTENT	MA0007	< = 1.00 %	0.08
SULPHATED ASHES CONTENT	MA0028	< = 0.10 %	< = 0.10*
HEAVY METALS CONTENT (Pb)	MA0032	< 10 ppm	Conforms *

* Characteristic guaranteed but not tested.

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 : 02.17.2025

Product Quality Manager
Emilie MOULIN