



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 223129

| | |
|-------------------|---|
| Product: | GLYCERYL MONOSTEARATE |
| Lot: | 223129 |
| Expiry date: | 21/12/2026 |
| Reference: | PhEur10.7 |
| Synonyms: | Cutina GSM V. Cutina MD. Estol 1468. E-471. |
| Formula: | C21H42O4 |
| Molecular weight: | 358,6 g/mol |

| Assay | Result | Specification |
|-----------------------------|---------------|---------------|
| Identification | Conform (A,B) | IR |
| Organoleptic properties | Conform | RFE/Ph. Eur. |
| Free glycerin | 0,34 % | <= 6,0% |
| H2O content | < 1 % | <= 1,0% |
| Acidity value | 0,2 | <= 3,0 |
| Saponification value | 170 | 158,0 - 177,0 |
| Iodine value (Wijs) | < 3,0 | <= 3,0 |
| Fatty acid composition (GC) | Conform | |
| Total ashes (s/1 g) | < 0,1 % | <= 0,1% |
| Monoglycerides | 45 % | 40,0 - 55,0 % |
| Diglycerides | Conform | 30,0 - 45,0 % |
| Triglycerides | Conform | 5,0 - 15,0 % |
| Nickel | < 1 ppm | <= 1 ppm |
| Fatty acids | Conform | |

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 14/06/2022

Judgement:
APPROVED

Responsible: C. Codina

Technical director: Montserrat Enrique

| Product | Name | Capacity | Batch |
|---------|------------------------------------|----------|------------|
| 1160749 | MONOESTEARATO GLICERILO (INACTIVO) | 1 kg | 223129-P-1 |

This certificate is not initialled as it is computer processed, it is validated with the originals available at Acofarma.

Original manufacturer's certificate available on request.

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