



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 260146

| | |
|-------------------|---|
| Product: | VITAMIN B2 (RIBOFLAVIN) |
| Lot: | 260146 |
| Expiry date: | 26/05/2029 |
| Reference: | Cumple PhEur12.1 |
| Synonyms: | Lactoflavina. E-101. |
| Formula: | C ₁₇ H ₂₀ N ₄ O ₆ |
| Molecular weight: | 376,4 g/mol |

| Assay | Result | Specification |
|---------------------------|-----------------|----------------------|
| Identification | Conform (A,B,C) | Test RFE/Ph. Eur. |
| Organoleptic properties | Conform | RFE/Ph. Eur. |
| Related substances (HPLC) | Conform | Test RFE/Ph. Eur. |
| Specific rotation (20°C) | -131,8 ° | (-115,0°) -(-135,0°) |
| Loss on drying | 0,91 % | <= 1,5 % |
| Sulphated ashes | 0,1 % | <= 0,1 % |
| A (373 nm) / A (267 nm) | 0,32 | 0,31 - 0,33 |
| A (444 nm) / A (267 nm) | 0,38 | 0,36 - 0,39 |
| Assay | 98,4 % | 97,0-103,0% |
| Impurity A | 0,009 % | <= 0,025 % |
| Impurity B | 0,04 % | <= 0,2 % |
| Impurity C | 0,0 % | <= 0,2 % |
| Impurity D | 0,1 % | <= 0,2 % |
| Unspecified Impurities | 0,00 % | <= 0,10 % |
| Total impurities | 0,1 % | <= 0,5 % |

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 09/02/2026

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

| Product | Name | Capacity | Batch |
|---------|---------------------------|----------|------------|
| 1193603 | VITAMINA B2 (RIBOFLAVINA) | 25 g | 260146-G-1 |
| 1193605 | VITAMINA B2 (RIBOFLAVINA) | 100 g | 260146-J-1 |
| 1193607 | VITAMINA B2 (RIBOFLAVINA) | 1 kg | 260146-P-1 |
| 1200272 | VITAMINA B2 (RIBOFLAVINA) | 250 g | 260146-N-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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