



## ANALYSIS CERTIFICATE

**Lot/Analysis/Analysis N°: 240610**

|                   |                                                    |
|-------------------|----------------------------------------------------|
| Product:          | ZINC GLUCONATE                                     |
| Lot:              | 240610                                             |
| Expiry date:      | 22/10/2026                                         |
| Reference:        | Cumple USP-NF2023-3                                |
| Synonyms:         | Cinc gluconato.                                    |
| Formula:          | C <sub>12</sub> H <sub>22</sub> O <sub>14</sub> Zn |
| Molecular weight: | 455.68 g/mol                                       |

| Assay                   | Result        | Specification  |
|-------------------------|---------------|----------------|
| Cadmium                 | 1 ppm         | <= 5 ppm       |
| Arsenic                 | 1 ppm         | <= 3 ppm       |
| Reducing substances     | 0,2 %         | <= 1,0%        |
| Lead                    | 1 ppm         | <= 10 ppm      |
| Water                   | 9,0 %         | <= 11,6 %      |
| Assay                   | 100,5 %       | 97,0 - 102,0 % |
| Identification          | Conform (A,B) | Test USP       |
| pH                      | 6,0           | 5,5 - 7,5      |
| Organoleptic properties | Conform       |                |
| Sulphates               | 0,03 %        | <= 0,05 %      |
| Chlorides               | 0,03 %        | <= 0,05 %      |

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 12/04/2024

Judgement:  
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

| Product | Name                          | Capacity | Batch      |
|---------|-------------------------------|----------|------------|
| 1119183 | ZINC GLUCONATO USP            | 25 g     | 240610-G-1 |
| 1119183 | ZINC GLUCONATO USP            | 25 g     | 240610-G-2 |
| 1119184 | ZINC GLUCONATO USP (INACTIVO) | 250 g    | 240610-N-1 |
| 1400214 | ZINC GLUCONATO USP            | 100 g    | 240610-J-1 |
| 1400214 | ZINC GLUCONATO USP            | 100 g    | 240610-J-2 |

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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