



## ANALYSIS CERTIFICATE

**Lot/Analysis/Analysis N°: 212198**

|                    |                                                             |
|--------------------|-------------------------------------------------------------|
| Product:           | L-HISTIDINE BASE                                            |
| Lot:               | 212198                                                      |
| Expiry date:       | 06/04/2026                                                  |
| Reference:         | Cumple PhEur10.4                                            |
| Synonyms:          |                                                             |
| Formule:           | C <sub>6</sub> H <sub>9</sub> N <sub>3</sub> O <sub>2</sub> |
| Poids moléculaire: | 155,2 g/mol                                                 |

| Assay                                  | Result        | Specification       |
|----------------------------------------|---------------|---------------------|
| Ammonium                               | <= 200 ppm    | <= 200ppm           |
| Heavy metals                           | <= 10 ppm     | <= 10 ppm           |
| Iron                                   | <= 10 ppm     | <= 10 ppm           |
| Loss on drying (1 g, 105°C)            | 0,00 %        | <= 0,5%             |
| Specific rotation                      | +11,8°        | (+11,4°)-(+12,4°)   |
| Substances positive for ninhydrin test | Conform       | Test RFE/Ph. Eur.   |
| Chlorides                              | <= 200 ppm    | <= 200ppm           |
| Sulphates                              | <= 300 ppm    | <= 300ppm           |
| Identification                         | Conform (A,B) | Test RFE/Ph. Eur.   |
| Organoleptic properties                | Conform       | RFE/Ph.Eur.         |
| Appearance of the S solution (5% acq.) | Conform       | Clear and colorless |
| Sulphated ashes                        | 0,02 %        | <= 0,1%             |
| Assay (acid-base PFP)                  | 100,9 %       | 98,5-101,0%         |

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 17/05/2021

Judgement:  
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

| Produit | Nom              | Capacité | Lot        |
|---------|------------------|----------|------------|
| 1400244 | HISTIDINA-L BASE | 100 g    | 212198-J-1 |
| 1400244 | HISTIDINA-L BASE | 100 g    | 212198-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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