



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 241992

| | |
|--------------------|---|
| Product: | VITAMIN B1 HYDROCHLORIDE (THIAMINE HYDROCHLORIDE) |
| Lot: | 241992 |
| Expiry date: | 12/03/2027 |
| Reference: | Cumple PhEur11.5 |
| Synonyms: | Aneurina clorhidrato. |
| Formule: | C ₁₂ H ₁₇ CIN ₄ OS·HCl |
| Poids moléculaire: | 337,3 g/mol |

| Assay | Result | Specification |
|-------------------------------|---------------|----------------------|
| Identification | Conform (A,C) | |
| Organoleptic properties | Conform | |
| Appearance of solution | Conform | |
| pH | 3,0 | 2,7 - 3,3 |
| Sulphates | < 300 ppm | <= 300 ppm |
| Heavy metals | <= 200 ppm | <= 20 ppm |
| Related substances (HPLC) | Conform | |
| Moisture - K.F. | 1,2 % | <= 5,0 % |
| Sulphated ashes | 0,05 % | <= 0,1 % |
| ASSAY (anhydrous vehicle PFP) | 99,7 % | 98,5 - 101,0 % s.p.s |
| Impurity A | 0,03 % | <= 0,15 % |
| Impurity B | ND | <= 0,3 % |
| Impurity C | 0,04 % | <= 0,15 % |
| Unspecified Impurities | 0,02 % | <= 0,10 % |
| Total impurities | 0,09 % | <= 0,5 % |

Organoleptic characteristics:

Conservation: Keep in tightly closed, non-metallic containers, in a cool place. Protect form light.

Date of analysis: 21/10/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

| Produit | Nom | Capacité | Lot |
|---------|-----------------------------------|----------|------------|
| 1193582 | VITAMINA B1 (TIAMINA) CLORHIDRATO | 25 g | 241992-G-1 |
| 1193584 | VITAMINA B1 (TIAMINA) CLORHIDRATO | 100 g | 241992-J-1 |
| 1193585 | VITAMINA B1 (TIAMINA) CLORHIDRATO | 250 g | 241992-N-1 |
| 1193589 | VITAMINA B1 (TIAMINA) CLORHIDRATO | 1 kg | 241992-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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