



ANALYSIS CERTIFICATE

Lot/Analysis/Analysis N°: 241631

| | |
|-------------------|--------------------------------|
| Product: | IDEBENONE |
| Lot: | 241631 |
| Expiry date: | 25/02/2027 |
| Reference: | Especificaciones de fabricante |
| Synonyms: | |
| Formula: | C19H30O5 |
| Molecular weight: | 338,44 g/mol |

| Assay | Result | Specification | |
|----------------------------|-----------------|------------------|---|
| Melting point | 54 °C | 52 - 55 °C | |
| Organoleptic properties | Conform | Complies | |
| Identification | Conform (A,B,C) | Test (A, B, C) | |
| Residual solvent: Toluene | < 890 ppm | <= 890 ppm | # |
| Residual solvent: Methanol | < 3000 ppm | <= 3000 ppm | # |
| Residual solvent: Hexane | < 290 ppm | <= 290 ppm | # |
| Elemental impurities | Conform | Test | # |
| Total impurities | 0,18 % | <= 0,8 % | |
| Any impurity | 0,16 % | <= 0,8 % | |
| Assay (HPLC) | 99,6 % s.p.s. | >= 98,5 % s.p.s. | |
| Sulphated ashes | 0,00 % | <= 0,1% | |
| Loss on drying | 0,00 % | <= 0,1 % | |
| Related substances (HPLC) | Conform | Conforme | |
| Absorption index | 463 | 458 - 486 | |

Organoleptic characteristics: Crystalline, yellow or yellow-orange powder. Insoluble in water, very soluble in methanol and chloroform, easily soluble in absolute ethanol and ethyl acetate.

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 23/09/2024

Judgement:
APPROVED

Responsible: B. Chia

Technical director: Montserrat Enrique

Manufacturer: F00065 SUZHOU LIXIN PHARMACEUTICAL CO. LTD

Manufacturer batch: C07-20240403

| Product | Name | Capacity | Batch |
|---------|-----------|----------|------------|
| 1160018 | IDEBENONA | 250 g | 241631-N-1 |
| 1160020 | IDEBENONA | 1 kg | 241631-P-2 |
| 1400332 | IDEBENONA | 100 g | 241631-J-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.

(#) Parameter controlled by the manufacturer

(=) UE certificate

ACOFARMA DISTRIBUCIÓN, S.A.

C/ Llobregat, 20 - 08223 Terrassa (Barcelona)

Tel./ 93-736.00.88

www.acofarma.com

Date of edition: 04/04/2025