



## ANALYSIS CERTIFICATE

**Lot/Analysis/Analysis N°: 233651**

|                   |                                                                   |
|-------------------|-------------------------------------------------------------------|
| Product:          | SODIUM BORATE POWDER                                              |
| Lot:              | 233651                                                            |
| Expiry date:      | 30/06/2028                                                        |
| Reference:        | Cumple PhEur11.2                                                  |
| Synonyms:         | Bórax. Sodio bborato. Sodio tetraborato.                          |
| Formula:          | Na <sub>2</sub> B <sub>4</sub> O <sub>7</sub> ·10H <sub>2</sub> O |
| Molecular weight: | 381,37 g/mol                                                      |

| Assay                             | Result          | Specification     |
|-----------------------------------|-----------------|-------------------|
| Identification                    | Conform (A,B,C) | Test RFE/Ph. Eur. |
| Organoleptic properties           | Conform         | RFE/Ph. Eur.      |
| Appearance of solution S (aq. 4%) | Conform         |                   |
| pH of solution S (aq. 4%)         | 9,5             | 9,0 - 9,6         |
| Sulphates                         | < 10 ppm        | <= 50 ppm         |
| Arsenic                           | < 1 ppm         | <= 5 ppm          |
| Calcium                           | 2 ppm           | <= 100 ppm        |
| Heavy metals                      | < 2 ppm         | <= 25 ppm         |
| Ammonium                          | < 5 ppm         | <= 10 ppm         |
| Assay (acid-base)                 | 102,9 %         | 99,0-103,0%       |
| Organic solvents residues         | NA              |                   |

Organoleptic characteristics:

Conservation: In tightly closed containers. Protect from light.

Date of analysis: 30/10/2023

Judgement:  
APPROVED

Responsible: M. Mesa

Technical director: Montserrat Enrique

| Product | Name                       | Capacity | Batch      |
|---------|----------------------------|----------|------------|
| 1176702 | SODIO BORATO Polvo Ph.Eur. | 250 g    | 233651-N-1 |
| 1176702 | SODIO BORATO Polvo Ph.Eur. | 250 g    | 233651-N-2 |
| 1176702 | SODIO BORATO Polvo Ph.Eur. | 250 g    | 233651-N-3 |
| 1176702 | SODIO BORATO Polvo Ph.Eur. | 250 g    | 233651-N-4 |
| 1176704 | SODIO BORATO Polvo Ph.Eur. | 1 kg     | 233651-P-1 |
| 1176704 | SODIO BORATO Polvo Ph.Eur. | 1 kg     | 233651-P-2 |
| 1176704 | SODIO BORATO Polvo Ph.Eur. | 1 kg     | 233651-P-3 |
| 1176704 | SODIO BORATO Polvo Ph.Eur. | 1 kg     | 233651-P-4 |

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.

ACOFARMA DISTRIBUCIÓN, S.A.  
C/ Llobregat, 20 - 08223 Terrassa (Barcelona)  
Tel./ 93-736.00.88  
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