



Special Powder

Orthoboric Acid

H₃BO₃

CAS No. 10043-35-3

Optibor[®] EP Boric Acid Special Powder is a white, crystalline product manufactured in France by Borax Français S.A.S. to conform to the current edition of the European Pharmacopeia.

GMP; Manufactured in full compliance to ICH-Q7 GMP guidelines
Covered by CEP certificate
Suitable for API Applications

Chemical Specification

| Analyte | Guarantee |
|----------------------------------|---|
| H ₃ BO ₃ % | 99.0 - 100.5 |
| pH of 33 g/l aqueous solution | 3.8 - 4.8 |
| Sulphates (SO ₄) ppm | <450 |
| Appearance of aqueous solution | Solution S is clear (2.2.1) and colourless (2.2.2, Method II) |
| Organic matter | Does not darken on heating |
| Solubility in alcohol | Solution is not more opalescent than reference suspension II (2.2.1) and is colourless (Method II, 2.2.2) |
| Identification Tests A,B | Pass the tests |

Sieve Specification

| US Standard Sieve | ISO Sieve (µm) | % Retained Guarantee |
|-------------------|----------------|----------------------|
| N/A | 80 | ≤ 5 |
| N/A | 200 | 0 |

Notes: All data in the above specifications are determined by EP analytical methods.