



Powder

Orthoboric Acid

H<sub>3</sub>BO<sub>3</sub>

CAS No. 10043-35-3

*Optibor*<sup>®</sup> EP Boric Acid 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 <sub>3</sub> BO <sub>3</sub> %	99.0 - 100.5
pH of 33 g/l aqueous solution	3.8 - 4.8
Sulphates (SO <sub>4</sub> ) 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 (mm)	% Retained Guarantee
N/A	0.25	≤ 3.0

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