



Powder

Orthoboric Acid

H₃BO₃

CAS No. 10043-35-3

Optibor[®] 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 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	Clear and colourless
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

U.S. Sieve	Mesh Size (mm)	% Retained Guarantee
N/A	0.25	≤ 3.0

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