



ENDEAVOUR INDUSTRIES LTD.

Technical Data Sheet Boric Acid

Boric acid, also called **hydrogen borate**, **boracic acid**, and **orthoboric acid** is a weak, monobasic Lewis acid of boron. Boric acid is often used as an antiseptic, insecticide, flame retardant, neutron absorber, or precursor to other chemical compounds. It has the chemical formula H_3BO_3 (sometimes written $B(OH)_3$), and exists in the form of colorless crystals or a white powder that dissolves in water.

Sr. No.	Parameter	Result	Unit
01	Purity(Assay)	99.72	%
02	Description	White crystalline Powder	
03	Chloride (Cl)	<0.001	%
04	Loss on Drying	0.24	%
05	Sulphate	0.017	%
06	Solubility in Ethanol	Clear Colourless Solution	

Application

The primary industrial use of boric acid is in the manufacture of monofilament fiberglass usually referred to as textile fiberglass.

Boric acid is also commonly used as a cross-linker in the Oil & Gas industry.