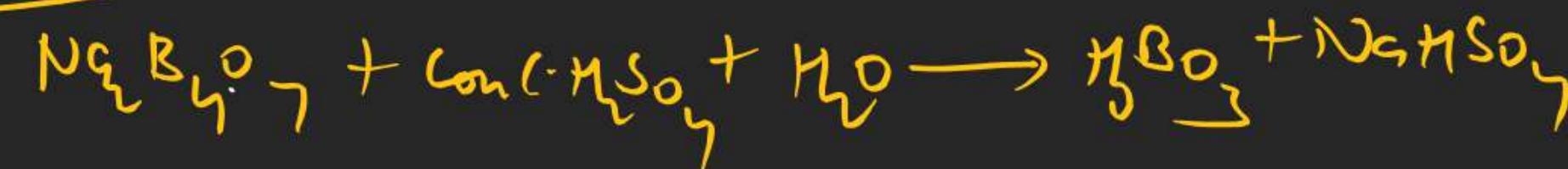
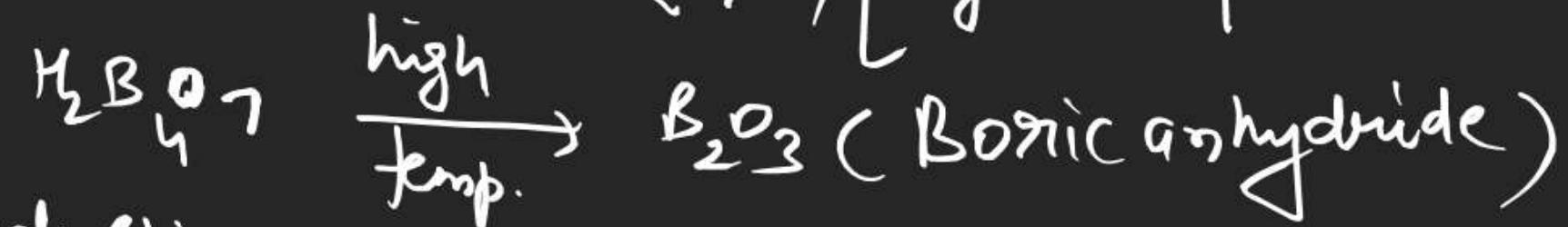


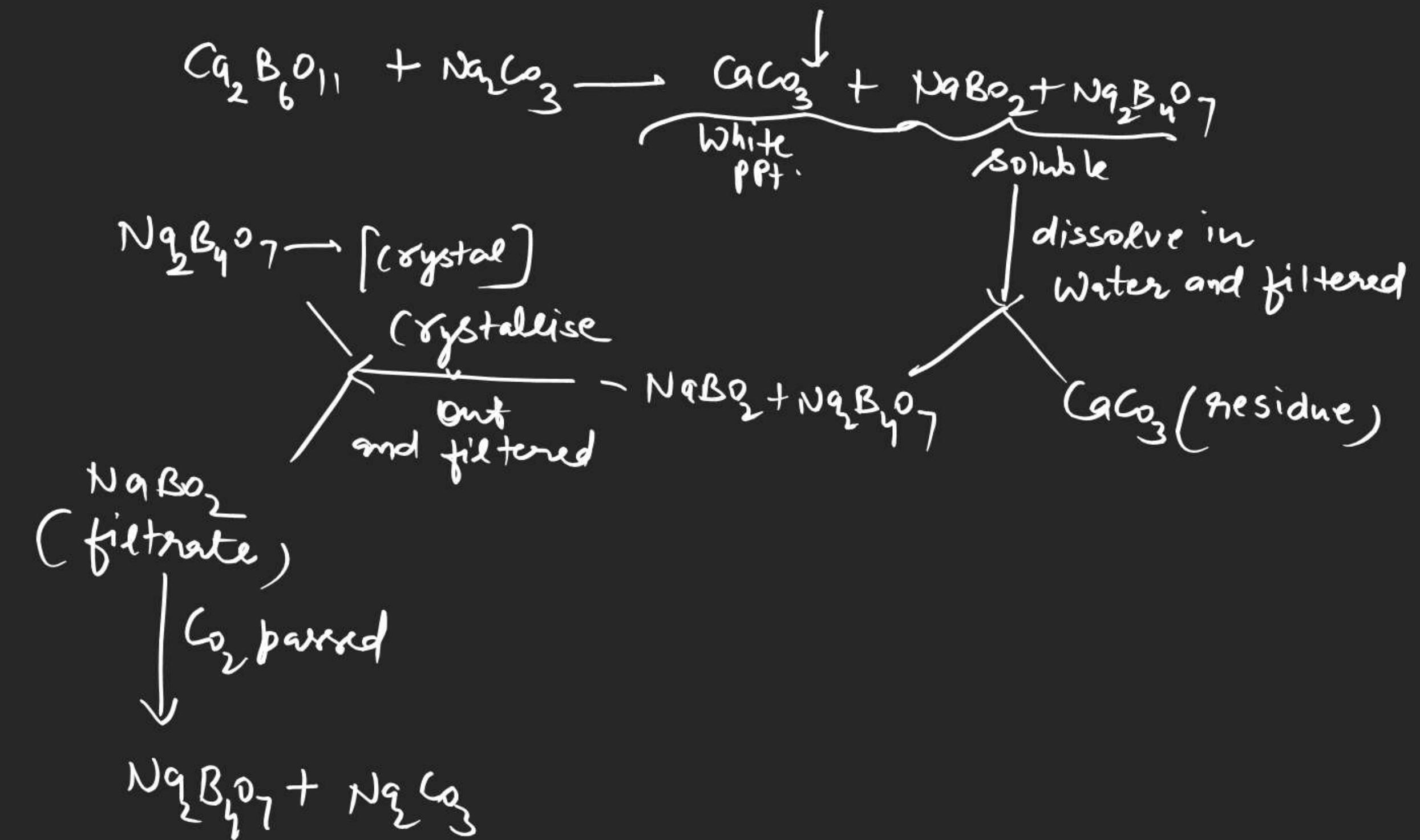
Prep. of B

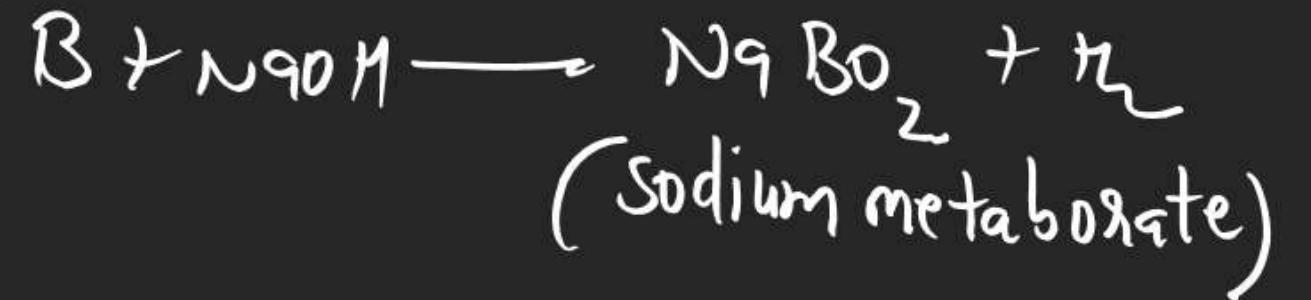
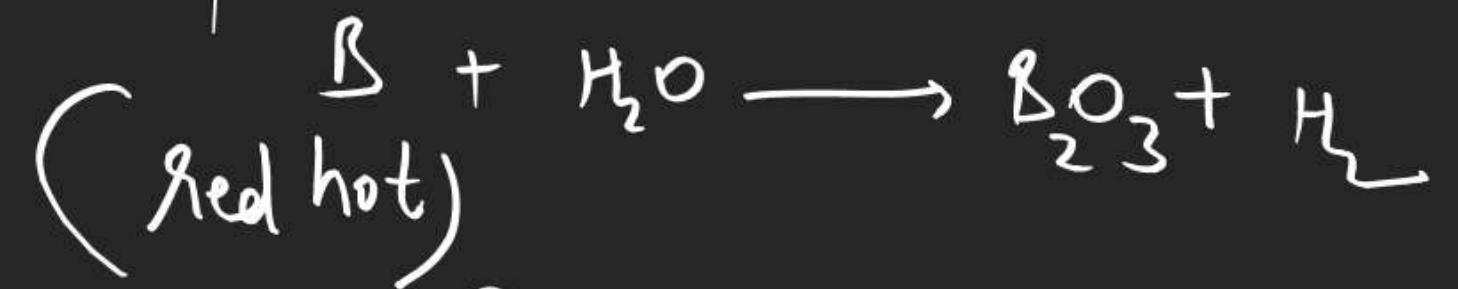
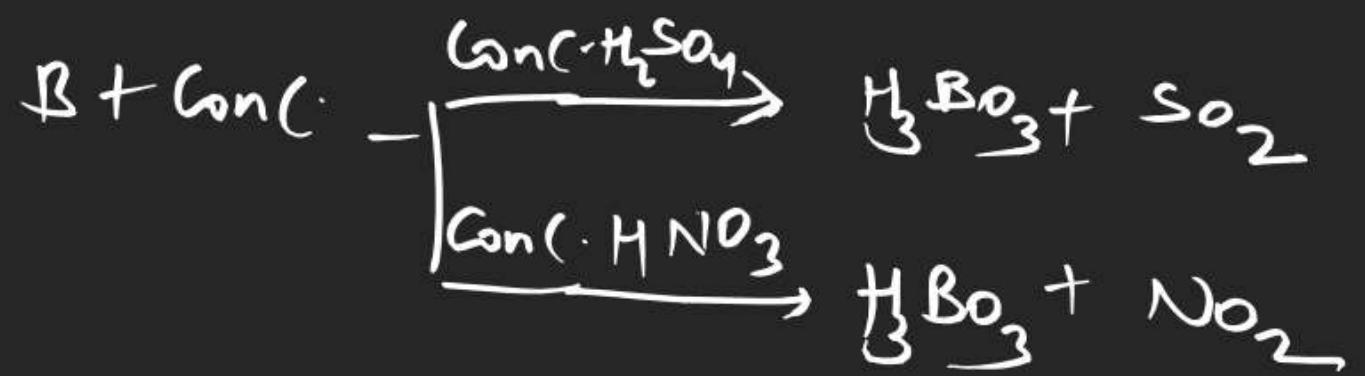
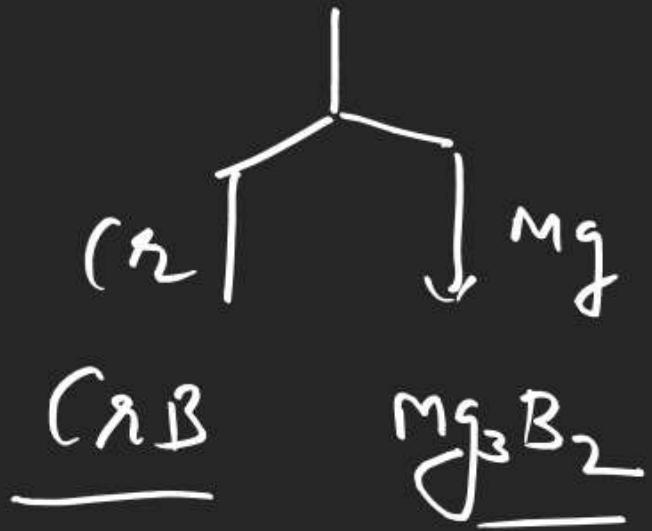
- ① from borax
- ② from Colemanite
- ③ from Boric acid

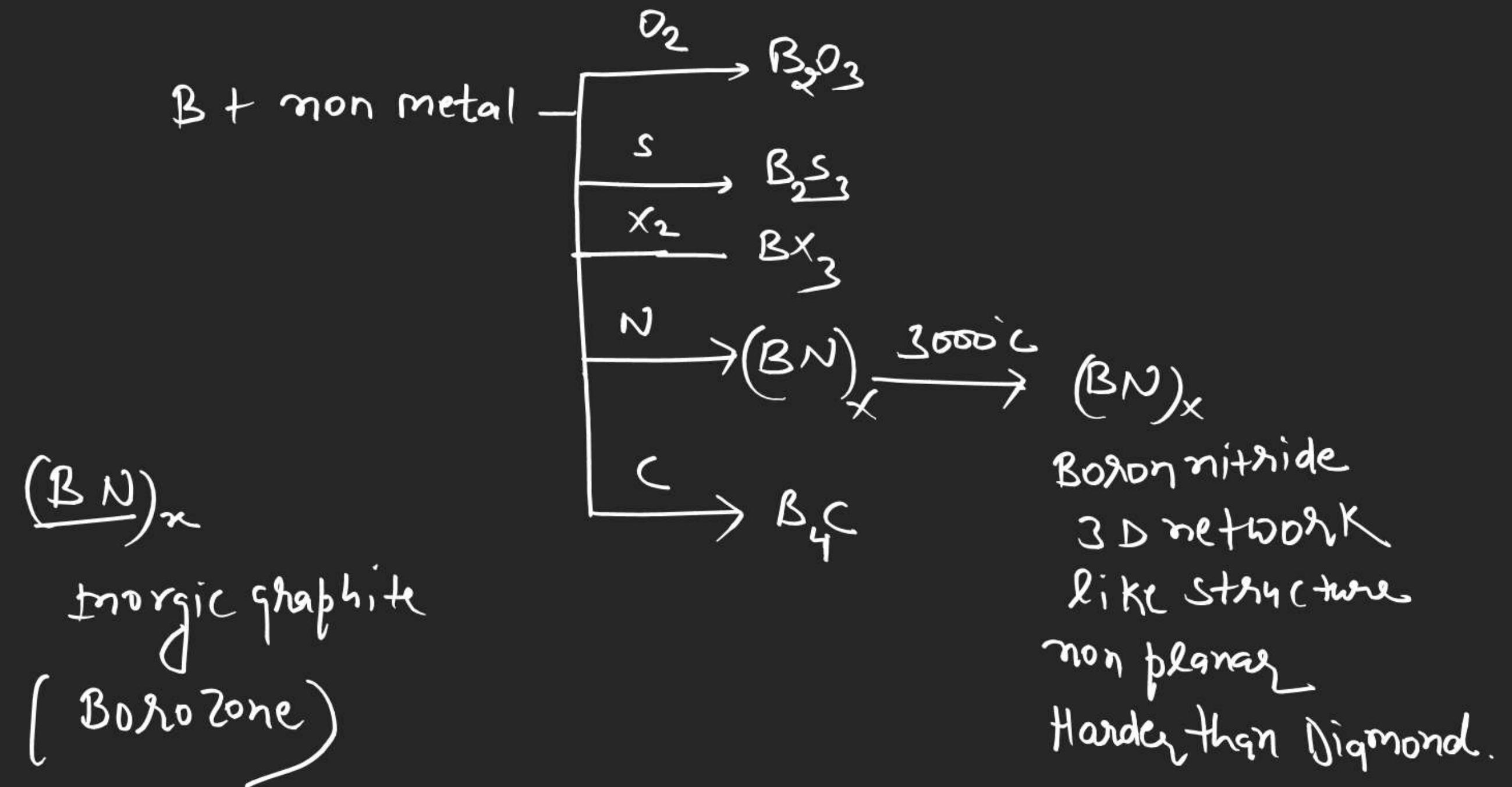


Prep of B - [formation of B_2O_3
 Reduction of B_2O_3





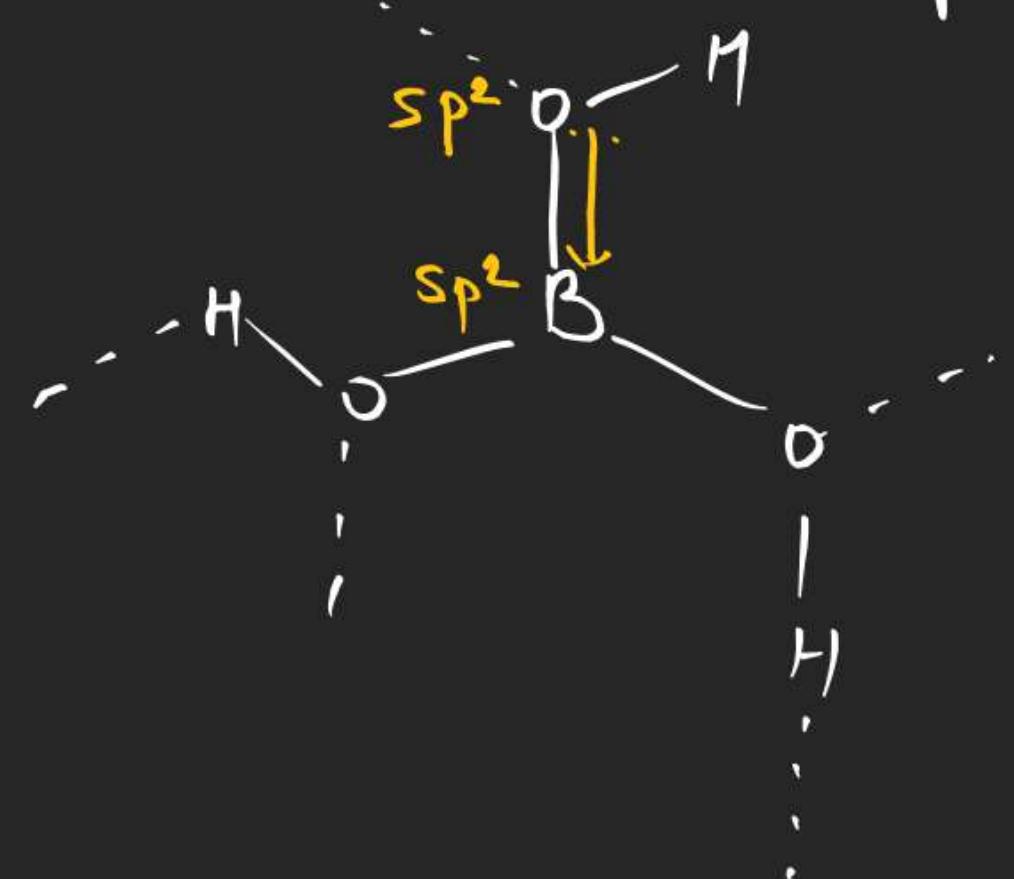
Chemical Reaction of B $B + \text{metal}$ 





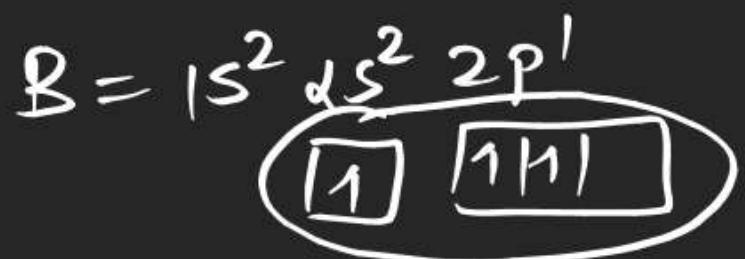
White crystalline solid

Sparingly soluble in water



Intermolecular H bonding

2 D Sheet like Hexagonal
planar structure



* Boric acid is not a proton donor acid
it is a weak monobasic lewis acid

basicity of $\text{H}_3\text{BO}_3 \Rightarrow \text{One}$

Prep. of H_3BO_3

$(B(OH)_3 \equiv H_3BO_3)$

