

## Abstract

[Problem]To provide a boron structure body having a high purity and capable of being easily

5 crushed, and a high-purity boron powder comprising a crushed material of the structure body and having a specific particle diameter.

[Solution] The boron structure body of the present invention comprises boron having each

concentration of Ti, Al, Fe, Cr, Ni, Co, Cu, W, Ta, Mo and Nb being 0.1 ppmw or less and having a thickness of 0.8 to 5 mm. The boron structure body preferably has a tubular shape, and when

10 used as a doping agent, a ratio of  $^{11}\text{B}$  that is an isotope is preferably 95 mass% or more. The boron structure body can be easily crushed, and a high-purity boron powder having an average particle diameter of 0.5 to 3 mm and having each metal impurity concentration of 0.3 ppmw or less can be obtained.

15 [No Figure]