The \( B - X \) bands of two isotopic species \( ^{11}\text{B}^{18}\text{O} \) and \( ^{10}\text{B}^{18}\text{O} \) have been observed for the first time. The bands were developed in emission from a low-pressure arc running in an atmosphere of the mixture of argon and oxygen 18 enriched up to 90 atom \%. Twelve bandheads between 220 and 300 nm have been measured and vibrationally assigned. The bands 1-0, 0-0 and 0-1 have been recorded under high dispersion and rotationally analyzed. Using determined molecular constants, Franck-Condon factors have been calculated and compared with visually estimated intensities of the bands. Full analyses of the bands will be presented.