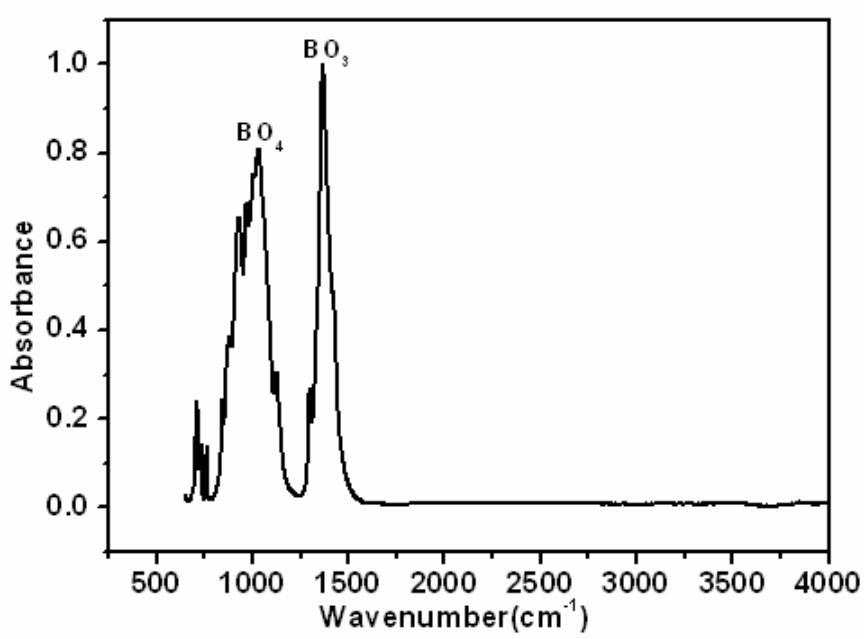

Figure 1. IR spectrum of β-BiB_3O_6

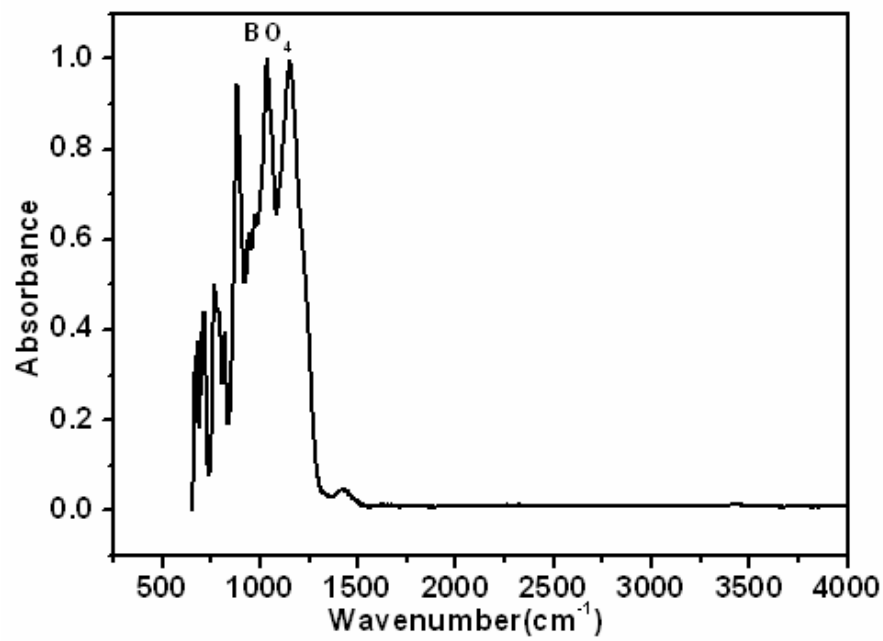

Figure 1. IR spectrum of γ-BiB_3O_6

Table **1**. Fractional atomic coordinates and isotropic displacement parameters for β-BiB_3O_6 (**I**) and γ-BiB_3O_6 (**II**)

β-BiB_3O_6 (**I**)				
Atom	*x*	*y*	*z*	*B*iso(Å^2)
Bi	0.9322(1)	0.2985(1)	0.1496(1)	0.44(9)
O1	0.0737(7)	0.192(1)	0.412(2)	0.20(19)
O2	0.1560(7)	0.883(1)	0.388(2)	0.20(23)
O3	0.0012(7)	0.370(1)	0.774(2)	0.20(24)
O4	0.7317(6)	0.319(1)	0.792(2)	0.20(21)
O5	0.3255(7)	0.860(1)	0.669(2)	0.20(23)
O6	0.9096(7)	0.927(1)	0.067(2)	0.20(23)
B1	0.2496(12)	0.809(3)	0.430(3)	0.20(35)
B2	0.1344(14)	0.095(2)	0.241(4)	0.20(38)
B3	0.5900(14)	0.252(2)	0.250(4)	0.20(44)
γ-BiB_3O_6 (**II**)				
Bi	0.3702(1)	0.3850(1)	0.5265(2)	0.18(5)
O1	0.879(1)	0.376(1)	0.725(2)	0.20(20)
O2	0.554(1)	0.422(1)	0.332(2)	0.20(20)
O3	0.670(1)	0.228(1)	0.462(3)	0.20(23)
O4	0.717(1)	0.342(1)	0.052(2)	0.20(23)
O5	0.546(1)	0.121(1)	0.892(2)	0.20(19)
O6	0.685(1)	0.0328(9)	0.494(3)	0.20(23)
B1	0.693(3)	0.342(2)	0.395(5)	0.51(40)
B2	0.564(2)	0.132(2)	0.277(4)	0.20(35)
B3	0.867(3)	0.417(2)	0.048(5)	0.20(32)