



Corrigendum

Corrigendum to “Synthesis, crystal structure and characterization of iron pyroborate ($\text{Fe}_2\text{B}_2\text{O}_5$) single crystals” [J. Solid State Chem. 182 (2009) 2004–2009]**Tetsuya Kawano, Haruhiko Morito, Takahiro Yamada, Takeyoshi Onuma, Shigefusa F. Chichibu, Hisanori Yamane****Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, 2-1-1 Katahira, Aoba-ku, Sendai 980-8577, Japan*

The authors regret that a mistake has been introduced in the cathodoluminescence (CL) data of single crystals of $\text{Fe}_2\text{B}_2\text{O}_5$ [1]. Recently, we have observed the CL images of the same sample. However, CL peaks were detected not from the crystals but from the particles on their surface. The particles are probably contaminants of hexagonal boron nitride (h-BN), which was probably derived from our preliminary studies on the single crystal growth using a h-BN crucible. The sample of the CL measurement was prepared in a Pt crucible as described in the paper.

The CL spectrum at room temperature shown in Fig. 6 is close to the combination of the CL spectra measured for h-BN reported by Watanabe et al. [2] and Kubota et al. [3]. We could not observe any CL peaks from the newly prepared single crystals of $\text{Fe}_2\text{B}_2\text{O}_5$. Therefore, the CL spectra and description about these should be deleted in the paper.

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References

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