

**No. 35B-5  $\text{KGaPO}_4\text{F}_{1-x}(\text{OH})_x$** 

1b	Orthorhombic, $\text{Pna}2_1-\text{C}_{2v}^9$ .	89Phi
2	Crystal growth (single crystal): supercritical hydrothermal techniques. [KF, KOH, $\text{KH}_2\text{PO}_4$ , $\text{Ga}_2\text{O}_3$ ].	89Phi
3a	Lattice constants for $\text{KGaPO}_4\text{F}_{1-x}(\text{OH})_x$ ( $x = 0.3$ ): $a = 12.7167(15) \text{ \AA}$ , $b = 6.3021(8) \text{ \AA}$ , $c = 10.4310(13) \text{ \AA}$ . See also Table 35B-5-001.	89Phi
b	Crystal structure: see Fig. 35A-6-008 in No. 35A-6.	
9e	Nonlinear optical properties: Table 35B-5-001.	