

No. 35A-7 KVOPO₄, Potassium vanadyl phosphate
 ($M = 201.011$)

1b	Orthorhombic, $\text{Pna}2_1\text{--C}_{2v}^9$ at RT. $\rho_X = 3.09 \cdot 10^3 \text{ kg m}^{-3}$. Color: dark orange.	90Phi 90Phi 90Phi
2a	Crystal growth: hydrothermal method. See also Table 35B-5-001 in No. 35B-5.	90Phi
3a	$a = 12.816(5) \text{ \AA}$, $b = 6.388(2) \text{ \AA}$, $c = 10.556(5) \text{ \AA}$, $V = 864.2(6) \text{ \AA}^3$. See also Table 35B-1-007 in No. 35B-1, Table 35B-5-001 in No. 35B-5.	90Phi
b	$Z = 8$. Crystal structure: Table 35A-7-001, Table 35A-7-002; Fig. 35A-7-001, Fig. 35A-7-002; see also Table 35A-6-007 in No. 35A-6.	90Phi
9a	Light transmission: see Fig. 35B-1-014 in No. 35B-1.	
e	Nonlinear optical properties: see Table 35B-5-001 in No. 35B-5.	
12	Magnetic properties: in the range 5...300 K paramagnetic.	90Phi