No. 39B-9 $(NH_4)_2ZnCl_4$–$(NH_4)_2ZnBr_4$

1b	Phase diagram of $(NH_4)_2Zn(Cl_{1-x}Br_x)_4$ system: Fig. 39B-9-001. Space group of x = 0.5 crystal: $P2_1/n$– C_{2h}^5 . T = RT.	96Mas
3a	Unit cell parameters of $(NH_4)_2Zn(Cl_{0.5}Br_{0.5})_4$: a = 7.313(1) Å, b = 12.883(2) Å, c = 9.533(2) Å, γ = 90.29(1)°. T = RT. Composition dependence of unit cell parameters: Fig. 39B-9-002.	96Mas
b	$(NH_4)_2Zn(Cl_{0.5}Br_{0.5})_4$: Z = 4 at RT. Crystal structure: Table 39B-9-001.	96Mas
14a	Bragg reflections due to structural modulation: Fig. 39B-9-003, Fig. 39B-9-004.	