Table s1. *Anisotropic displacement parameters (Å^2) of monoclinic KGd(WO$_4$)$_2$. The anisotropic displacement factor exponent takes the form: -2p^2 [h^2 a*^{2} U$_{11}$ + ...+ 2 h k a* b* U$_{12}$]*

Atom	**U$_{11}$**	**U$_{22}$**	**U$_{33}$**	**U$_{23}$**	**U$_{13}$**	**U$_{12}$**
Gd	0.015(1)	0.013(1)	0.014(1)	0	0.010(1)	0
W	0.015(1)	0.013(1)	0.014(1)	0.000(1)	0.010(1)	0.000(1)
K	0.018(1)	0.018(1)	0.016(1)	0	0.012(1)	0
O1	0.060(7)	0.039(5)	0.048(5)	-0.003(5)	0.039(5)	-0.003(5)
O2	0.056(6)	0.040(5)	0.046(5)	0.001(4)	0.036(5)	-0.001(4)
O3	0.051(6)	0.044(5)	0.044(5)	0.000(4)	0.033(5)	-0.001(5)
O4	0.055(6)	0.044(5)	0.043(4)	0.000(5)	0.037(5)	0.002(5)