Table S1. Atomic coordinates and equivalent anisotropic displacement parameters (Å^2) for $Na_7V_4(PO_4)_6$.

	x	*y*	*z*	U_{iso}*/U_{eq}
V1	0.333333	0.666667	0.416667	0.00407 (17)
V2	0.54957 (3)	0.666667	0.416667	0.00430 (12)
P	0.34334 (4)	0.48171 (4)	0.31090 (3)	0.00463 (13)
Na1	0.333333	0.666667	0.166667	0.0070 (4)
Na2	0.35161 (8)	0.45876 (8)	0.11161 (5)	0.0134 (2)
O1	0.46626 (12)	0.53587 (12)	0.34546 (7)	0.0079 (3)
O2	0.28737 (12)	0.34964 (12)	0.32094 (8)	0.0077 (3)
O3	0.26675 (11)	0.52097 (11)	0.35447 (7)	0.0062 (3)
O4	0.34855 (12)	0.51928 (12)	0.23031 (7)	0.0088 (3)

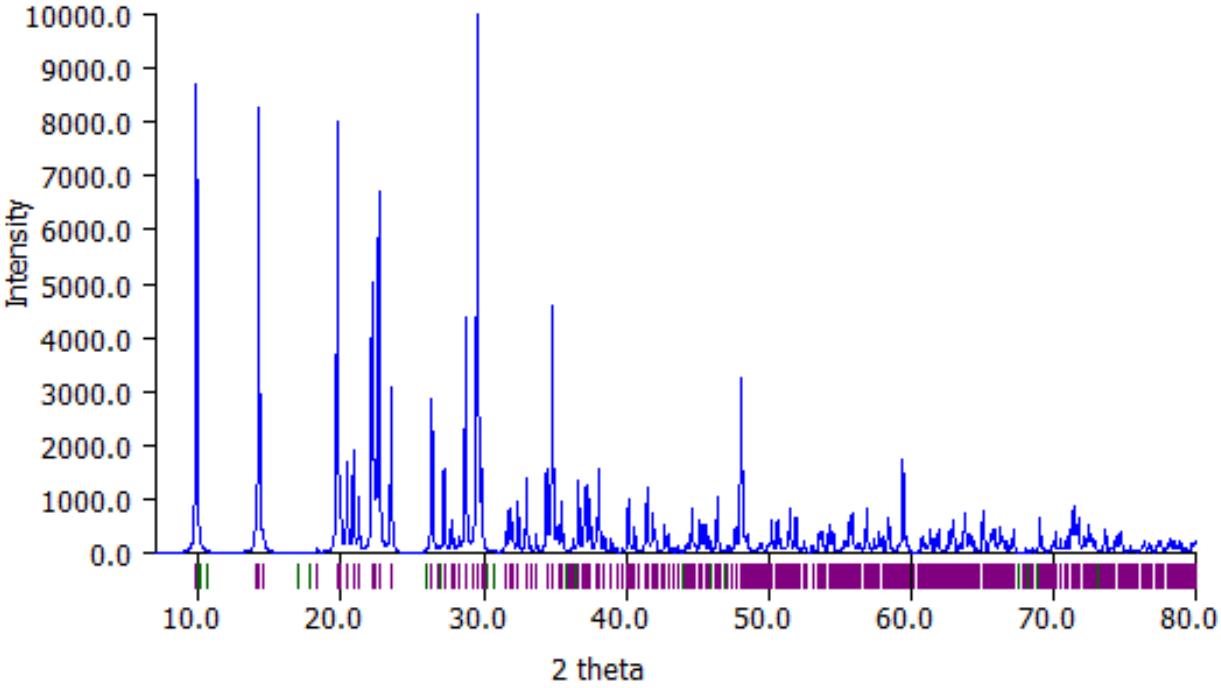

Figure S1. Calculated powder pattern* for $Na_7V_4(PO_4)_6$. *Wavelength: 1.54056