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Table S1 Fractional atomic coordinates and isotropic or equivalent isotropic displacement parameters (Å²).

| | <i>x</i> | <i>y</i> | <i>z</i> | <i>U</i> _{iso} */ <i>U</i> _{eq} | Occ. (<1) |
|-----|--------------|--------------|--------------|---|------------|
| Cu1 | 0.250000 | 0.250000 | 0.500000 | 0.0109 (2) | |
| Cu2 | 0.12705 (5) | 0.41671 (3) | 0.31049 (7) | 0.01122 (16) | |
| Cu3 | 0.000000 | 0.24835 (5) | 0.500000 | 0.0138 (2) | |
| Cu4 | 0.62554 (8) | 0.74519 (3) | 0.82896 (7) | 0.02009 (19) | |
| P1 | 0.12573 (12) | 0.26303 (7) | 0.19526 (14) | 0.0112 (3) | |
| P2 | 0.11905 (10) | 0.61919 (6) | 0.66727 (13) | 0.0068 (2) | |
| P3 | 0.63242 (10) | 0.61716 (7) | 0.65454 (13) | 0.0080 (3) | |
| Al1 | 0.24664 (16) | 0.500000 | 0.5261 (2) | 0.0073 (4) | |
| Al2 | 0.000000 | 0.500000 | 0.500000 | 0.0060 (6) | |
| Al3 | 0.500000 | 0.500000 | 0.500000 | 0.0086 (6) | |
| Na1 | 0.000000 | 0.60798 (18) | 1.000000 | 0.0116 (6) | |
| Na2 | 0.74974 (18) | 0.61404 (16) | 1.0123 (3) | 0.0231 (6) | |
| Na3 | 0.6188 (3) | 0.6185 (2) | 0.3120 (4) | 0.0129 (12) | 0.556 (10) |
| Li1 | 0.6222 (17) | 0.5757 (14) | 0.300 (2) | 0.0129 (12) | 0.444 (10) |
| Na4 | 0.504 (2) | 0.6190 (6) | 1.0348 (16) | 0.064 (6) | 0.420 (15) |
| Li2 | 0.504 (2) | 0.6190 (6) | 1.0348 (16) | 0.064 (6) | 0.080 (15) |
| Cl2 | 0.6191 (3) | 0.5102 (4) | 1.0679 (3) | 0.0147 (17) | 0.375 (4) |
| O15 | 0.5411 (17) | 0.500000 | 0.847 (2) | 0.0147 (17) | 0.251 (8) |
| Cl1 | 0.13134 (16) | 0.500000 | 0.06802 (19) | 0.0146 (4) | |

| | | | | | |
|-----|------------|--------------|------------|-------------|--|
| O1 | 0.3752 (4) | 0.500000 | 0.5926 (5) | 0.0088 (9) | |
| O2 | 0.1252 (4) | 0.500000 | 0.4326 (5) | 0.0064 (9) | |
| O3 | 0.2119 (3) | 0.5716 (2) | 0.6616 (4) | 0.0113 (7) | |
| O4 | 0.7272 (3) | 0.5722 (2) | 0.6287 (4) | 0.0114 (8) | |
| O5 | 0.0234 (3) | 0.5724 (2) | 0.6514 (4) | 0.0082 (7) | |
| O6 | 0.1167 (3) | 0.65488 (18) | 0.8223 (4) | 0.0084 (7) | |
| O7 | 0.6308 (3) | 0.6793 (2) | 0.5442 (4) | 0.0182 (8) | |
| O8 | 0.1191 (3) | 0.6728 (2) | 0.5402 (4) | 0.0156 (8) | |
| O9 | 0.5405 (3) | 0.5711 (2) | 0.6362 (4) | 0.0136 (8) | |
| O10 | 0.6358 (3) | 0.64578 (18) | 0.8147 (4) | 0.0097 (7) | |
| O11 | 0.2212 (3) | 0.2434 (2) | 0.2855 (5) | 0.0147 (8) | |
| O12 | 0.0305 (3) | 0.2412 (2) | 0.2816 (5) | 0.0185 (9) | |
| O13 | 0.1248 (3) | 0.34339 (19) | 0.1676 (4) | 0.0102 (7) | |
| O14 | 0.1273 (5) | 0.2248 (2) | 0.0484 (5) | 0.0360 (12) | |