

Table 7. Selected bond lengths corrected by thermal factors according to Downs et al. (1992).

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|-----------------------------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | Tas27-2Ba | Tas27-2Bb | Tag15-4 | Tag15-3 | Tpg63-2B | Tae23-1a | Tae23-1b | Tae23-1c | Tpq16-4A | Tpl17-1 | Tas22-1a | Tas22-1b | Tpq16-6B |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| T-O1 (Å) | 1.670(1) | 1.674(1) | 1.668(2) | 1.667(2) | 1.666(1) | 1.671(1) | 1.671(1) | 1.668(2) | 1.674(1) | 1.676(1) | 1.697(2) | 1.696(2) | 1.693(1) |
| T-O2 (Å) | 1.673(2) | 1.672(1) | 1.671(3) | 1.666(4) | 1.670(2) | 1.673(2) | 1.671(2) | 1.663(2) | 1.675(2) | 1.676(2) | 1.678(4) | 1.695(3) | 1.688(2) |
| T-O2' (Å) | 1.669(2) | 1.674(1) | 1.671(3) | 1.672(3) | 1.669(2) | 1.669(2) | 1.671(2) | 1.673(2) | 1.675(2) | 1.674(2) | 1.709(4) | 1.697(3) | 1.696(2) |
| T-O3 (Å) | 1.648(2) | 1.654(1) | 1.668(2) | 1.656(4) | 1.661(2) | 1.653(2) | 1.650(2) | 1.667(2) | 1.658(2) | 1.656(1) | 1.666(3) | 1.676(2) | 1.668(2) |
| <T-O> (Å) | 1.665 | 1.668 | 1.670 | 1.665 | 1.667 | 1.666 | 1.666 | 1.668 | 1.671 | 1.670 | 1.688 | 1.691 | 1.686 |
| M1-O3 (×4) (Å) | 2.088(2) | 2.091(1) | 2.092(2) | 2.096(3) | 2.098(2) | 2.087(2) | 2.091(2) | 2.090(2) | 2.097(2) | 2.092(1) | 2.103(3) | 2.097(2) | 2.104(2) |
| M1-O4 (×2) (Å) | 2.051(3) | 2.058(2) | 2.064(3) | 2.068(4) | 2.067(3) | 2.057(3) | 2.060(2) | 2.059(3) | 2.058(2) | 2.059(2) | 2.061(4) | 2.064(3) | 2.063(2) |
| <M1-O> (Å) | 2.075 | 2.080 | 2.083 | 2.087 | 2.088 | 2.077 | 2.081 | 2.080 | 2.084 | 2.081 | 2.089 | 2.086 | 2.091 |
| M2-O3 (×2) (Å) | 2.083(2) | 2.085(1) | 2.088(3) | 2.088(4) | 2.094(2) | 2.080(2) | 2.083(2) | 2.077(2) | 2.086(2) | 2.086(2) | 2.083(3) | 2.091(2) | 2.098(2) |
| M2-O3' (×2) (Å) | 2.088(2) | 2.094(1) | 2.091(2) | 2.096(3) | 2.089(2) | 2.090(2) | 2.094(2) | 2.081(2) | 2.097(2) | 2.092(1) | 2.111(3) | 2.095(2) | 2.102(2) |
| M2-O4 (×2) (Å) | 2.060(2) | 2.067(1) | 2.056(3) | 2.058(4) | 2.057(2) | 2.063(2) | 2.061(2) | 2.071(2) | 2.065(2) | 2.062(1) | 2.071(3) | 2.073(2) | 2.071(2) |
| <M2-O> (Å) | 2.077 | 2.082 | 2.078 | 2.081 | 2.080 | 2.078 | 2.079 | 2.076 | 2.083 | 2.080 | 2.088 | 2.086 | 2.090 |
| K*-O1 (×2) (Å) | 3.371(3) | 3.366(2) | 3.369(4) | 3.359(6) | 3.360(3) | 3.375(3) | 3.375(3) | 3.381(3) | 3.391(3) | 3.376(2) | 3.457(6) | 3.442(4) | 3.422(3) |
| K*-O1' (×2) (Å) | 2.972(3) | 2.979(2) | 2.981(4) | 2.982(5) | 2.988(3) | 2.964(3) | 2.969(3) | 2.968(3) | 2.974(3) | 2.968(2) | 2.948(6) | 2.943(4) | 2.952(3) |
| K*-O2 (×4) (Å) | 3.358(2) | 3.366(2) | 3.368(3) | 3.366(3) | 3.353(2) | 3.370(2) | 3.375(2) | 3.371(3) | 3.389(2) | 3.373(2) | 3.441(4) | 3.440(3) | 3.424(2) |
| K*-O2' (×4) (Å) | 2.975(2) | 2.979(1) | 2.976(3) | 2.972(4) | 2.983(2) | 2.968(2) | 2.969(2) | 2.972(2) | 2.973(2) | 2.972(2) | 2.955(4) | 2.941(3) | 2.957(2) |
| <K*-O> _{inner} (Å) | 2.974 | 2.979 | 2.977 | 2.975 | 2.985 | 2.967 | 2.969 | 2.971 | 2.973 | 2.971 | 2.953 | 2.942 | 2.956 |
| <K*-O> _{outer} (Å) | 3.362 | 3.366 | 3.368 | 3.363 | 3.355 | 3.372 | 3.375 | 3.374 | 3.390 | 3.374 | 3.446 | 3.441 | 3.423 |
| Δ<K*-O> (Å) | 0.388 | 0.387 | 0.391 | 0.388 | 0.370 | 0.405 | 0.406 | 0.403 | 0.417 | 0.403 | 0.493 | 0.499 | 0.467 |

* K indicate interlayer cation whatever. Labels a, b, c as in Table 4. Standard deviations are given in parentheses.