|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| TABLE D. ANISOTROPIC DISPLACEMENT PARAMETERS (Å2) FOR SELECTED ATOMS IN SAAMITE | | | | | | |
| Atom | *U*11 | *U*22 | *U*33 | *U*23 | *U*13 | *U*12 |
|  |  |  |  |  |  |  |
| MH(1) | 0.0060(12) | 0.0208(13) | 0.016(4) | 0.0009(13) | 0.0016(12) | 0.0011(8) |
| MH(2) | 0.0038(13) | 0.0043(13) | 0.0158(15) | 0.0026(9) | 0.0011(9) | 0.0002(9) |
| MO(1) | 0.0220(18) | 0.0102(16) | 0.026(2) | 0.0032(12) | -0.0144(13) | -0.0002(11) |
| MO(2) | 0.012(4) | 0.026(5) | 0.028(5) | 0.002(3) | 0.008(3) | 0.001(3) |
| MO(3) | 0.013(2) | 0.021(3) | 0.029(3) | 0.0064(19) | 0.0067(17) | 0.0017(17) |
| MO(4) | 0.013(2) | 0.023(3) | 0.028(3) | 0.0004(18) | 0.0068(17) | -0.0008(16) |
| Si(1) | 0.016(2) | 0.020(2) | 0.021(2) | 0.0043(18) | 0.0023(18) | 0.0040(18) |
| Si(2) | 0.013(2) | 0.023(3) | 0.022(3) | 0.0035(19) | 0.0023(18) | 0.0018(18) |
| Si(3) | 0.0049(18) | 0.0050(18) | 0.013(2) | 0.0020(14) | 0.0005(14) | 0.0013(14) |
| Si(4) | 0.0021(17) | 0.011(2) | 0.012(2) | 0.0038(15) | 0.0004(14) | -0.0012(14) |
| A(1) | 0.0037(5) | 0.0058(6) | 0.0178(7) | 0.0024(4) | 0.0016(4) | -0.0002(4) |
| O(1) | 0.018(6) | 0.011(5) | 0.017(6) | 0.002(4) | 0.000(4) | -0.003(4) |
| O(2) | 0.021(7) | 0.042(9) | 0.044(8) | 0.012(7) | 0.006(6) | 0.005(6) |
| O(3) | 0.044(8) | 0.022(7) | 0.024(7) | 0.003(5) | 0.005(6) | 0.004(6) |
| O(4) | 0.025(7) | 0.045(9) | 0.041(9) | 0.015(7) | 0.000(6) | -0.013(7) |
| O(5) | 0.011(5) | 0.017(6) | 0.022(6) | 0.005(5) | -0.003(4) | 0.003(4) |
| O(6) | 0.028(8) | 0.050(10) | 0.043(9) | 0.002(8) | 0.000(7) | -0.018(7) |
| O(7) | 0.032(8) | 0.042(9) | 0.045(9) | 0.004(7) | 0.002(7) | 0.017(7) |
| O(8) | 0.015(5) | 0.015(5) | 0.011(5) | -0.004(4) | -0.000(4) | 0.002(4) |
| O(9) | 0.010(5) | 0.004(5) | 0.019(6) | 0.007(4) | 0.005(4) | 0.001(4) |
| O(11) | 0.009(5) | 0.011(5) | 0.018(6) | 0.006(4) | 0.001(4) | 0.006(4) |
| O(12) | 0.017(6) | 0.015(6) | 0.014(6) | 0.005(4) | -0.000(4) | -0.001(4) |
| O(13) | 0.007(5) | 0.013(5) | 0.011(5) | -0.003(4) | 0.002(4) | -0.007(4) |
| XOM(1) | 0.004(5) | 0.062(10) | 0.026(7) | 0.002(7) | -0.000(5) | 0.004(6) |
| XOM(2) | 0.012(6) | 0.022(6) | 0.022(6) | 0.006(5) | 0.007(5) | -0.001(5) |
| XOA(1) | 0.018(6) | 0.018(6) | 0.027(7) | 0.004(5) | 0.003(5) | -0.003(5) |
| XOA(2) | 0.013(6) | 0.046(8) | 0.014(6) | -0.002(5) | 0.002(5) | 0.005(5) |
| XPM | 0.067(13) | 0.061(12) | 0.038(10) | 0.003(9) | 0.000(9) | -0.000(10) |