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The crystal structure of moctezumite $[PbUO_2](TeO_3)_2$

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For deposit: Tables 3 and 4

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FOR

DEPOSIT

(TABLES 3 + 4)

Table 3. Anisotropic thermal parameters for moctezumite

	U11	U22	U33	U12	U13	U23
U	0.0073 (5)	0.0088 (5)	0.0110 (5)	0.0001 (3)	0.0008 (3)	0.0001 (3)
Pb	0.0163 (6)	0.0158 (5)	0.0147 (5)	0.0010 (4)	0.0012 (4)	-0.0023 (4)
Te1	0.0100 (8)	0.0108 (8)	0.0092 (7)	-0.0012 (7)	-0.0002 (6)	0.0003 (6)
Te2	0.0104 (8)	0.0088 (8)	0.0105 (8)	-0.0002 (6)	-0.0007 (6)	0.0003 (6)

Note: Anisotropic temperature factors are of the form:

$$T = \exp[-2\pi^2(U_{11}h^2a^{*2} + U_{22}k^2b^{*2} + U_{33}l^2c^{*2} + 2U_{12}hk\,a^*b^* + 2U_{13}hl\,a^*c^* + 2U_{23}kl\,b^*c^*)]$$