Table 34A-2-001. $PbHAsO_4$. Fractional coordinates of atoms in phase II [82Cho]. T = RT.

Atom	x	y	z
Pb	0.00	0.2032(1)	0.25
As	0.5076(8)	0.7957(3)	0.2359(3)
O(1)	0.3641(6)	0.6472(4)	0.4309(3)
O(2)	0.2499(6)	0.9305(4)	0.1047(3)
O(3)	0.6459(6)	0.6500(4)	0.0429(3)
O(4)	0.7548(6)	0.9321(4)	0.3831(3)
H(1)	0.4837(10)	0.5136(6)	0.4758(7)

Table 34A-2-002. $PbHAsO_4$. Interatomic distances and bond angles in phase II [82Cho]. T = RT.

Distances [Å]		Angles [°]	
As–O(1)	1.713(4)	O(1)–As–O(2)	106.8(2)
As–O(2)	1.673(4)	O(1)–As–O(3)	108.4(2)
As–O(3)	1.682(4)	O(1)–As–O(4)	107.2(2)
As–O(4)	1.683(4)	O(2)–As–O(3)	109.9(2)
O(1)–O(2)	2.718(3)	O(2)–As–O(4)	113.8(2)
O(1)–O(3)	2.754(3)	O(2)–As–O(4)	110.6(3)
O(1)–O(4)	2.734(5)		
O(2)–O(3)	2.746(4)	Hydrogen bond geometry	
O(2)–O(4)	2.810(4)	H(1)–O(1) [Å]	1.091(5)
O(3)–O(4)	2.766(3)	H(1)–O(3) [Å]	1.391(5)
		<O(1)–H(1)–O(3′) [°]	176.5(4)
		O(1)–H(1)–O(3′) [Å]	2.481(4)