

addenda and errata

Pressure-induced phase transitions in L-alanine, revisited. Corrigendum

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 Tables 2 and 3 in the paper by Tumanov *et al.* [(2010), *Acta Cryst.* **B66**, 458–471] are corrected.

 In the article by Tumanov *et al.* (2010), the columns with the unit-cell parameters *a* and *b* were inadvertently interchanged in Tables 2 and 3. The correct tables are given here.

References

 Tumanov, N. A., Boldyreva, E. V., Kolesov, B. A., Kurnosov, A. V. & Quesada Cabrera, R. (2010). *Acta Cryst.* **B66**, 458–471.

Table 2

Experimental details, cell parameters and volume from powder diffraction data (first series of experiments).

DAC – Ahsbahs (first series); gasket – hardened Thyrodur-2709, initial thickness – 0.180 mm, after preindentation – 0.104 mm, sample–detector distance 340 mm.

No.	Pressure (GPa)	Time (s)	<i>a</i> (Å)	<i>b</i> (Å)	<i>c</i> (Å)	<i>V</i> (Å ³)
1	0†	600	5.778 (3)	6.018 (5)	12.330 (7)	428.8 (3)
2	0.2	1200	5.772 (1)	5.969 (2)	12.321 (2)	424.5 (1)
3	0.4	600	5.759 (2)	5.896 (2)	12.287 (4)	417.2 (1)
4	0.7†	600	5.750 (2)	5.850 (3)	12.276 (5)	412.9 (2)
5	0.9	600	5.736 (2)	5.802 (4)	12.233 (7)	407.1 (3)
6	1.5	600	5.705 (1)	5.705 (1)	12.150 (4)	395.4 (1)
7	1.7†	600	5.700 (1)	5.700 (1)	12.141 (5)	394.5 (1)
8	2.4	600	5.651 (2)	5.621 (3)	12.015 (7)	381.7 (2)
9	2.9	600	5.6315 (2)	5.579 (3)	11.938 (7)	375.0 (2)
10	3.3	600	5.613 (1)	5.553 (3)	11.879 (3)	370.2 (1)
11	4.1	600	5.592 (2)	5.502 (2)	11.786 (3)	362.6 (1)
12	4.4	600	5.584 (1)	5.485 (2)	11.745 (3)	359.7 (1)
13	4.8	600	5.568 (1)	5.456 (1)	11.697 (3)	355.4 (1)
14	5.7†	600	5.562 (2)	5.443 (3)	11.678 (4)	353.6 (2)
15	6.1	600	5.543 (2)	5.404 (2)	11.587 (4)	347.1 (1)
16	6.8	600	5.526 (2)	5.370 (2)	11.527 (3)	342.0 (1)
17	7.4	600	5.518 (1)	5.352 (2)	11.489 (3)	339.3 (1)
18	7.7	600	5.514 (2)	5.342 (2)	11.465 (4)	337.7 (1)
19	8.3	600	5.503 (2)	5.318 (2)	11.408 (4)	333.8 (2)
20	8.5	600	5.498 (2)	5.315 (2)	11.399 (5)	333.1 (2)

† Diffraction patterns are measured on decompression.

Table 3

Experimental details, cell parameters and volume from powder diffraction data (second series of experiments).

DAC – ETH (second series); gasket – stainless steel (ESRF), initial thickness – 0.2 mm, after preindentation – 0.055 mm, sample–detector distance 350 mm.

No.	Pressure (GPa)	Time (s)	<i>a</i> (Å)	<i>b</i> (Å)	<i>c</i> (Å)	<i>V</i> (Å ³)
1	1.3	600	5.717 (1)	5.752 (3)	12.195 (5)	401.0 (2)
2	3.9	600	5.606 (1)	5.517 (2)	11.818 (3)	365.5 (1)
3	6.1	600	5.548 (8)	5.386 (1)	11.556 (2)	345.26 (7)
4	9.7	7200	5.495 (1)	5.273 (2)	11.342 (2)	328.62 (9)
5	10.4	3600	5.488 (1)	5.264 (2)	11.328 (2)	327.3 (1)
6	11.0	3600	5.482 (2)	5.254 (3)	11.306 (3)	325.6 (2)
7	12.3	600	5.487 (4)	5.233 (8)	11.300 (7)	324.5 (5)