

ADDITIONS AND CORRECTIONS

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Roger Frech,* Varuni Seneviratne, Zlatka Gadjourova, and Peter Bruce: Correction to Vibrational Study of the Crystalline Phases of $(\text{CH}_3(\text{OCH}_2\text{CH}_2)_2\text{OCH}_3)_2\text{LiSbF}_6$ and $\text{P}(\text{EO})_6\text{LiMF}_6$ ($\text{M} = \text{P}, \text{As}, \text{Sb}$)

Page 11255. Recently we reported vibrational spectroscopic data for the crystalline compounds $\text{P}(\text{EO})_6\text{MF}_6$ ($\text{M} = \text{As}, \text{P}$,

assignment	original value	corrected value	assignment	original value	corrected value
$\delta(\text{CH}_2)$	1491	1486	mixed modes	1156(sh)	1150
	1476	1473		1144	1139
	1466(sh)	1463		1131	1126
	1458(sh)	1456		1109	1104
	1449	1444		1088	1084
$\omega(\text{CH}_2)$	1424(vw)			1059	1055
	1410(vw)			1048(sh)	1040
	1401			1043	1038
$\tau(\text{CH}_2)$	1314(sh)			1034	1029
	1309	1305	$\nu(\text{CO}) + \rho(\text{CH}_2)$	935	929
	1288	1284		921	915
	1271	1266	$\rho(\text{CH}_2) + \nu(\text{CO})$	895	890
	1248	1245		870	866
	1243	1238		854	849
				837	833
				821	816
				814	809
			$\nu_1(\text{AsF}_6^-)$	684	679
			$\nu_2(\text{AsF}_6^-)$	573	569

$\text{Sb})$.¹ While this article was in proof, Prof. J.-C. Lasségues and co-workers published a similar study.² Prof. Lasségues kindly called my (R. Frech's) attention to the fact that our Raman data for the $\text{P}(\text{EO})_6\text{AsF}_6$ compound were consistently higher than their data by about 4-5 wavenumbers, although the data for the other two compounds were in very good agreement. In an effort to resolve this difference, we repeated the sample preparation and Raman measurements twice. Both of these sets of measurements yielded frequencies that were in agreement with Prof. Lasségues' data. Although our original measurement was repeated within two days, it is clear that a systematic calibration error had occurred and was not corrected before the second original measurement. Our original data for the $\text{P}(\text{EO})_6\text{AsF}_6$ compound and the remeasured frequencies are summarized in the accompanying table. In our original article, the differences in unit cell volumes was suggested as a possible explanation for the frequency differences between $\text{P}(\text{EO})_6\text{LiAsF}_6$ and the other two $\text{P}(\text{EO})_6\text{LiMF}_6$ compounds. This suggestion is now obviated by the concordance of frequency data for all three compounds (except for the anion modes, of course).

References and Notes

- (1) Frech, R.; Seneviratne, V.; Gadjourova, Z.; Bruce, P. G. *J. Phys. Chem. B* **2003**, *107*, 11255.
- (2) Ducasse, L.; Dussauze, M.; Grondin, J.; Lassegues, J.-C.; Naudin, C.; Serevant, L. *Phys. Chem. Chem. Phys.* **2003**, *5*, 567.