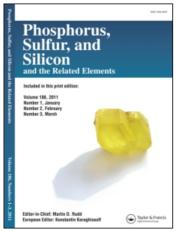
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Erratum

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Erratum

In issue 180(11), the article 'Hydrothermal Synthesis, Crystal Structures and Characterization of Two Hydrogen Phosphates Templated by 4-Amino-2,2,6,6,-tetramethylpiperidine' by A. Dakhlaoui et al., the unit cell parameter b = 10.466 was incorrectly printed as c = 0.466 in both the abstract and Table V. Following are the corrected abstract and Table V.

Chemical preparations, crystal structures, thermal analyses, and IR spectroscopic studies are given for two new hydrogen phosphates templated by 4-amino-2,2,6,6-tetramethylpiperidine: $(C_9H_{22}N_2)\cdot(H_2PO_4)\cdot(HPO_4)\cdot(F)\cdot H_2O$ (I) and $(C_9H_{22}N_2)\cdot(H_2PO_4)_2$ (II). The structures are determined by single crystal X-ray diffraction. Both compounds crystallize in the $P2_1/c$ (N°14) monoclinic space group with the unit cell parameters: a=14.856 (1) Å, b=14.092 (2) Å, c=14.7166 (9) Å, $\beta=118.434$ (7)°, V=2709.2 (4) ų, and Z=4 for (I) and a=9.803 (2) Å, b=10.466 (2) Å, c=15.640 (8) Å, b=94.990 (4), b=1598.68 (7) ų, and b=16.466 (1) Å.

The structure of **I**, refined to R=0.042 and $R_w=0.067$ for 6009 reflections ($I \ge 2\sigma$ (I)), exhibits infinite inorganic chains $_{\infty}((H_2PO_4)\cdot(HPO_4)\cdot(F)\cdot H_2O)^{4-}$ linked together through weak hydrogen bonds to form layers onto which the diprotonated $[C_9H_{22}N_2]^{2+}$ amine molecules are anchored.

The structure of \mathbf{H} , refined to R=0.060 and $R_w=0.086$ for 1435 reflections ($I \geq 2\sigma(I)$), consists of $_{\infty}(H_2PO_4)^-$ (100) layers between which $[C_9H_{22}N_2]^{2+}$ cations are inserted. A network of hydrogen bonds connects the different components. IR spectra of \mathbf{I} and \mathbf{H} show the characteristic bands of amine groups and phosphate anions.

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 $TABLE~V~Crystal~Data~and~Intensity~Measurement~for\\ (C_9H_{22}N_2)_2\cdot (H_2PO_4)\cdot (HPO_4)\cdot (F)\cdot H_2O~(I)~and~(C_9H_{22}N_2)\cdot (H_2PO_4)_2(II)$

	I	П
Formula	$[C_9H_{22}N_2]_2{\cdot}(H_2PO_4){\cdot}$	$[\mathrm{C_9H_{22}N_2}]\cdot$
	$(HPO_4)\cdot(F)\cdot H_2O$	$(\mathrm{H_2PO_4})_2$
Molecular weight (g mol ⁻¹)	546.56	352.26
Space group	$P2_{1}/c (N^{\circ}14)$	
Cell parameters		
a (Å)	14.856 (1)	9.803(2)
b (Å)	14.092(2)	10.466(2)
c (Å)	14.7166 (9)	15.640(8)
$oldsymbol{eta}(^{\circ})$	118.434 (7)	94.990(4)
Volume (\mathring{A}^3); Z	2709.2 (4); 4	1598.68 (7); 4
$ ho_{ m calc.}, ho_{ m exp.}({ m g~cm^{-3}})$	1.34, 1.296 (3)	1.46, not measured
Diffractometer, T(K)	Siemens AED	2,
	293 (2)	
	$\mathrm{MoK}_{lpha}~0.71073~\mathrm{\AA}$	
Radiation (graphite monochromated)	ω - $2 heta$	
Scan mode		
hkl min-max	$0 \le h \le 20$,	$-10 \le h \le 10$,
	$-19 \le k \le 0,$	$0 \le k \le 11$,
	$-20 \le l \le 18$	$0 \leq l \leq 16$
Absorption correction	Empirical	Empirical
2θ limit	60°	45°
Number of independent reflections	6009	1435
Number of refined parameters	325	144
Final R/R _w indices $(I > 2\sigma(I))$	0.043/0.149	0.060/0.149
Goodness of fit on F^2	1.129	1.035