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CORRECTION

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Correction: Superprotonic conductivity in $RbH_{2-3y}(PO_4)_{1-y}$: a phosphate deficient analog to cubic CsH_2PO_4 in the $(1-x)RbH_2PO_4 - xRb_2HPO_4$ system

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Correction for 'Superprotonic conductivity in $RbH_{2-3y}(PO_4)_{1-y}$: a phosphate deficient analog to cubic CsH_2PO_4 in the $(1-x)RbH_2PO_4 - xRb_2HPO_4$ system' by Grace Xiong *et al.*, *Mater. Horiz.*, 2023, **10**, 5555–5563, https://doi.org/10.1039/D3MH00852E.

The authors wish to clarify that the atomic displacements reported in Table 1 of the published article correspond to the unitless β_{iso} values. The U_{iso} values (Å^2) for Rb, P, and O are 0.068(2), 0.054(4), and 0.058(4), respectively.

The corrected form of Table 1 is shown here.

The supplementary information of the published article has also been updated accordingly (Tables S4 and S5).

Table 1 Fractional atomic coordinates and displacement parameters of α-$Rb_{1+x}H_{2-x}PO_4$ at x = 0.180 and T = 245 °C. Structure adopts space group $Pm\bar{3}m$ with a = 4.7138(2) Å. The P–O bond distance is 1.51(2) Å. Numbers in parentheses reflect the uncertainty in the final digit(s) of the quoted values

Atom	x	y	z	Site	Occupancy[a]	U_{iso} (Å^2)
Rb	0	0	0	1a	1	0.068(2)
P	1/2	1/2	1/2	1b	0.85	0.054(4)
O	1/2	0.203(1)	0.375(2)	24l	0.14	0.058(4)[b]

[a] Fixed to match global chemistry. [b] Tied to the U_{iso} of P by a multiplicative factor of 1.073.

In addition, please note that the grant number DMR-2118201 mentioned in the Acknowledgements section of the published article is incorrect, it should be replaced with OAC-2118201. The corrected version of the Acknowledgements section is given below.

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The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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