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CORRECTION

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Correction: Synthesis and characterisation of brannerite compositions $(U_{0.9}Ce_{0.1})_{1-x}M_xTi_2O_6$ ($M = Gd^{3+}$, Ca^{2+}) for the immobilisation of MOX residues

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Correction for 'Synthesis and characterisation of brannerite compositions $(U_{0.9}Ce_{0.1})_{1-x}M_xTi_2O_6$ ($M = Gd^{3+}$, Ca^{2+}) for the immobilisation of MOX residues' by D. J. Bailey *et al.*, *RSC Adv.*, 2018, **8**, 2092–2099. DOI: 10.1039/C7RA11742F.

The authors wish to correct an error in the unit cell volumes quoted in Table 1 of the original article. The corrected table is given below:

Unit cell parameters were determined by a Le Bail refinement of XRD data using the Bruker Topas software package.

The subsequent discussion of the unit cell volume and the conclusions drawn in the manuscript are unaffected by this correction.

Table 1 Refined lattice parameters of synthesised brannerites

Composition	Atmosphere	a (Å)	b (Å)	c (Å)	β (°)	V (Å^3)
$Gd_{0.1}U_{0.81}Ce_{0.09}Ti_2O_6$	Air	9.8172(2)	3.7390(1)	6.9196(2)	118.554(1)	223.10(1)
$Gd_{0.2}U_{0.72}Ce_{0.08}Ti_2O_6$	Air	9.8210(2)	3.7370(1)	6.9101(1)	118.607(1)	222.65(1)
$Gd_{0.25}U_{0.675}Ce_{0.075}Ti_2O_6$	Air	9.8207(1)	3.7371(1)	6.9099(1)	118.607(1)	222.64(1)
$Ca_{0.1}Gd_{0.1}U_{0.72}Ce_{0.08}Ti_2O_6$	Air	9.8145(2)	3.7346(1)	6.9027(1)	118.482(1)	222.39(1)
$Gd_{0.1}U_{0.81}Ce_{0.09}Ti_2O_6$	Ar	9.8192(1)	3.7617(1)	6.9253(1)	118.807(1)	224.14(1)
$Gd_{0.2}U_{0.72}Ce_{0.08}Ti_2O_6$	Ar	9.8215(2)	3.7612(1)	6.9240(1)	118.799(1)	224.14(1)
$Gd_{0.25}U_{0.675}Ce_{0.075}Ti_2O_6$	Ar	9.8208(2)	3.7600(1)	6.9219(1)	118.797(1)	223.99(1)
$Ca_{0.1}Gd_{0.1}U_{0.72}Ce_{0.08}Ti_2O_6$	Ar	9.8210(6)	3.7660(2)	6.9293(4)	118.825(1)	224.53(4)
$Gd_{0.1}U_{0.81}Ce_{0.09}Ti_2O_6$	5% H_2/N_2	9.8197(2)	3.7695(1)	6.9297(2)	118.864(1)	224.64(1)
$Gd_{0.2}U_{0.72}Ce_{0.08}Ti_2O_6$	5% H_2/N_2	9.8286(5)	3.7702(2)	6.9324(4)	118.867(3)	224.97(3)
$Gd_{0.25}U_{0.675}Ce_{0.075}Ti_2O_6$	5% H_2/N_2	9.8251(3)	3.7686(1)	6.9292(2)	118.867(1)	224.69(2)
$Ca_{0.1}Gd_{0.1}U_{0.72}Ce_{0.08}Ti_2O_6$	5% H_2/N_2	9.8192(2)	3.7693(1)	6.9294(1)	118.867(1)	224.60(1)

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

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