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CORRECTION

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Correction: Preparation and characterization of primary magnesium mixtures for the *ab initio* calibration of absolute magnesium isotope ratio measurements

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Correction for 'Preparation and characterization of primary magnesium mixtures for the *ab initio* calibration of absolute magnesium isotope ratio measurements' by Björn Brandt *et al.*, *J. Anal. At. Spectrom.*, 2016, **31**, 179–196.

Eqn (3) on p. 184 describes how the density of air ρ_{air} was calculated from the ambient conditions air pressure (p), relative humidity (φ) of the air, and air temperature ϑ. In the denominator of the original there was a typo: φ needs to be replaced with ϑ. Eqn (3) reads correctly:

$$\rho_{air} = \frac{0.348444\ \text{kg m}^{-3}\ \text{hPa}^{-1} \times p - \varphi(0.252\ \text{kg m}^{-3}\ ^{\circ}\text{C}^{-1} \times \vartheta - 2.0582\ \text{kg m}^{-3})}{273.15 + \vartheta\ ^{\circ}\text{C}^{-1}}$$

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

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