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CORRECTION

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Correction: A tutorial review for research laboratories to support the vital path toward inherently sustainable and green synthetic chemistry

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Correction for 'A tutorial review for research laboratories to support the vital path toward inherently sustainable and green synthetic chemistry' by Sarah M. Kernaghan et al., RSC Sustainability, 2024, https:// doi.org/10.1039/d3su00324h.

The authors regret that, due to an error in the way the division line was presented, eqn (8) and (9) in Table 1 of the original article were incorrect. Eqn (4) requires the output of the metric to be expressed as a percentage, with removal of the Σ term as presented. An updated and correct version of Table 1 is given below.

Eqn number	Formulae	Ref.
(1)	$ \text{Yield}: \frac{\text{Quantity of product isolated}}{\text{Theoretical quantity of product}} \times 100\% $	50
(2)	AE: $\frac{\text{Molecular weight (desired product)}}{\sum \text{Molecular weight (reactants)}} \times 100\%$	52
(3)	PMI : $\frac{\sum Mass \; (used \; raw \; materials)(kg)}{Mass \; (product)(kg)}$	57
(4)	$RME: \ \frac{Quantity \ of \ product \ isolated(kg)}{Mass \ (reactants)(kg)} \ \times \ 100\%$	56
(5)	$E \text{ factor}: \frac{\sum \text{Mass (produced waste)(kg)}}{\text{Mass (desired product)(kg)}}$	58
(6)	EQ: $\frac{\sum \text{Mass (produced waste)(kg)}}{\text{Mass (desired product)(kg)}} \times Q$	58
(7)	$E^{+} : \frac{\sum \text{Mass (produced waste)(kg)}}{\text{Mass (desired product)(kg)}} + \frac{\text{Electricity used (kW h)} \times \text{Carbon intensity (CO}_{2} \text{ kg kW h}^{-1})}{\text{Mass (desired product)(kg)}}$	59
(8)	$sEF(kg\ kg^{-1}):\ \frac{\sum Mass\ (raw\ materials)\ +\ \sum Mass\ (reagents) - Mass\ (product)}{Mass\ (product)}$	60
(9)	$cEF \ (kg \ kg^{-l}); \ \ \frac{\sum Mass \ (raw \ materials) + \sum Mass \ (reagents) + \sum Mass \ (solvents) + \sum Mass \ (product)}{Mass \ (product)}$	60

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

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