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Mislabeled EDX Peaks in 10.3389/fmats.2025.1602816

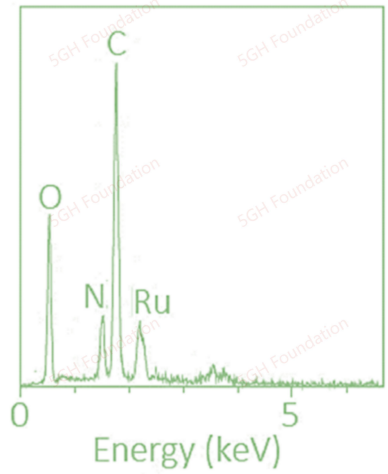

FIGURE 4
EDAX of synthesized ruthenium-MOF.

	Figure 4	Expected
O	0.54 keV	0.525 keV
N	1.3 keV	0.392 keV
C	1.7 keV	0.277 keV
Ru	2.2 keV	2.558 keV

Several peak assignments in Figure 4 are inconsistent with the characteristic X-ray energies. The peaks labeled C appear at approximately 1.7 keV, whereas the C Kα line lies at 0.277 keV. The peaks labeled N lie at 1.3 keV, far from the N Kα line at 0.392 keV. The peaks labeled Ru lie at 2.2 keV, whereas the Ru line lies at 2.558 keV. In contrast, the O Kα line (0.525 keV) is correctly observed at 0.54 keV.

[1] 10.3389/fmats.2025.1602816

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