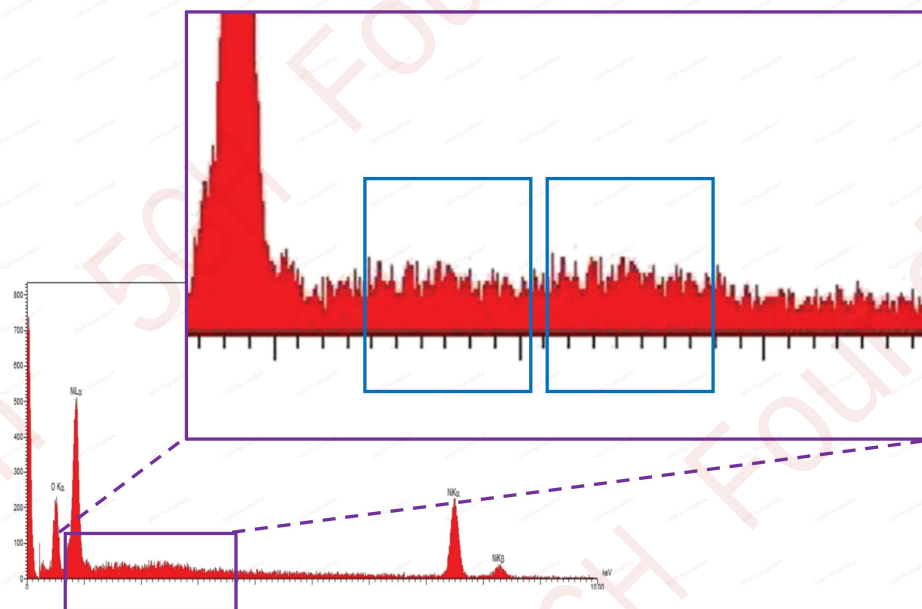


Issues on 10.1002/aoc.6264

Several data/spectra issues are found on this article [1]:

(1) Repeated noise patterns are observed in Figure 5

10.1002/aoc.6264, Repeated Noise Patterns



(2) Repeated data patterns are observed on the Table 3 ad 4

10.1002/aoc.6264, Abnormal Data Patterns

TABLE 3 Antibacterial activity of NiO@TS and *T. subenervis* extract using disk diffusion and well-diffusion assays (inhibition zone mm)

	NiO@TS		<i>T. subenervis</i> extract		NiSO ₄		Positive control
	Disk	well	Disk	well	Disk	well	Disk
Gram-positive bacteria							
<i>B. subtilis</i>	43.6 ± 1.2	35.4 ± 1.1	32.8 ± 1.4	24.4 ± 1.3	19.5 ± 1.1	11.5 ± 1.0	27.4 ± 0.54
<i>S. pneumoniae</i>	39.9 ± 1.7	31.7 ± 1.1	30.6 ± 1.7	24.4 ± 1.3	18.1 ± 1.4	12.3 ± 1.8	25.2 ± 0.44
<i>S. aureus</i>	37.8 ± 0.9	29.5 ± 1.7	29.2 ± 1.1	24.4 ± 1.3	17.6 ± 0.8	10.3 ± 1.3	22.4 ± 1.34
Gram-negative bacteria							
<i>S. typhimurium</i>	33.5 ± 1.3	26.1 ± 0.8	25.4 ± 0.8	19.2 ± 1.2	12.2 ± 0.7	7.1 ± 0.7	24.8 ± 0.44
<i>E. coli</i>	32.4 ± 1.7	24.3 ± 1.6	27.6 ± 1.2	20.1 ± 1.6	10.6 ± 1.2	8.2 ± 1.1	21.8 ± 0.44
<i>P. aeruginosa</i>	36.4 ± 1.1	30.2 ± 1.4	24.3 ± 1.3	18.3 ± 1.5	15.7 ± 1.7	11.4 ± 0.9	23.4 ± 0.54

TABLE 4 Antibacterial activity of NiO@TS and *T. subenervis* extract using MIC and MBC assays (µg/ml)

	NiO@TS		<i>T. subenervis</i> Extract		NiSO ₄		Positive control
	MIC	MBC	MIC	MBC	MIC	MBC	MIC
Gram-positive bacteria							
<i>B. subtilis</i>	4.0 ± 0.0	6.7 ± 2.3	10.7 ± 4.6	16.0 ± 0.0	13.3 ± 4.6	32.0 ± 0.0	2.0 ± 0.0
<i>S. pneumoniae</i>	4.7 ± 3.1	8.0 ± 0.0	10.7 ± 4.6	16.0 ± 0.0	16.0 ± 0.0	21.3 ± 9.2	2.0 ± 0.0
<i>S. aureus</i>	4.7 ± 3.1	8.0 ± 0.0	13.3 ± 4.6	16.0 ± 0.0	16.0 ± 0.0	21.3 ± 9.2	1.3 ± 0.6
Gram-negative bacteria							
<i>S. typhimurium</i>	8.0 ± 0.0	10.7 ± 4.6	6.7 ± 2.3	10.7 ± 4.6	26.7 ± 9.2	32.0 ± 0.0	1.7 ± 0.6
<i>E. coli</i>	8.0 ± 0.0	10.7 ± 4.6	13.3 ± 4.6	16.0 ± 0.0	26.7 ± 9.2	32.0 ± 0.0	1.3 ± 0.6
<i>P. aeruginosa</i>	6.7 ± 2.3	10.7 ± 4.6	13.3 ± 4.6	16.0 ± 0.0	16.0 ± 0.0	21.3 ± 9.2	1.3 ± 0.6

Abbreviations: MBC, minimum bactericidal concentration; MIC, minimum inhibition concentration.

[1] 10.1002/aoc.6264
