



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Microbiology Research Journal
Manuscript Number:	Ms_BMRJ_22728
Title of the Manuscript:	Tolerance to Heavy Metals by some Fungal Isolates from Petroleum Refinery Effluent in Kaduna, Nigeria.
Type of Article:	Original Research Article

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments																														
<u>The reviewer has noted that no action was applied in resolving this particular query (below) regarding the manuscript. If the authors don't deem it necessary to supply answers to the query below, then they should give reasons for that decision. But these results would give more meaning and understanding to the study.</u> <u>Optional/General</u> comments Authors should provide results of analysis of HMs present in the raw effluents at Point A-D before the fungi culture and isolation experiment. Authors should provide method and results of analysis of the control experiment.	Means ($\pm$SE) of the initial heavy metal concentrations of the refinery effluent <table><tr><th>Heavy Metals/ Sites</th><th>A</th><th>B</th><th>C</th><th>D</th><th></th></tr><tr><td>Lead (mg/l)</td><td>0.12$\pm$0.01^{cd}</td><td>0.49$\pm$0.33^a</td><td>0.43$\pm$0.03^{ab}</td><td>0.17$\pm$0.06^c</td><td></td></tr><tr><td>Zinc (mg/l)</td><td>0.23$\pm$0.01^a</td><td>0.12$\pm$0.00^b</td><td>0.07$\pm$0.02^{bc}</td><td>0.05$\pm$0.00^c</td><td></td></tr><tr><td>Chromium(mg/l)</td><td>0.38$\pm$0.07^c</td><td>0.74$\pm$0.02^a</td><td>0.51$\pm$0.00^b</td><td>0.51$\pm$0.00^b</td><td></td></tr><tr><td>Cadmium (mg/l)</td><td>0.23$\pm$0.00^a</td><td>0.23$\pm$0.00^a</td><td>0.06$\pm$0.02^b</td><td>0.06$\pm$0.02^b</td><td></td></tr></table> Control experiment results and the initial heavy metal concentrations of the raw refinery effluent were not supplied because we did not used them here but were used in our other manuscript. As I have earlier stated, to test the heavy metal removal efficiency of some fungal species isolated and identified from the effluent.	Heavy Metals/ Sites	A	B	C	D		Lead (mg/l)	0.12 $\pm$ 0.01 ^{cd}	0.49 $\pm$ 0.33 ^a	0.43 $\pm$ 0.03 ^{ab}	0.17 $\pm$ 0.06 ^c		Zinc (mg/l)	0.23 $\pm$ 0.01 ^a	0.12 $\pm$ 0.00 ^b	0.07 $\pm$ 0.02 ^{bc}	0.05 $\pm$ 0.00 ^c		Chromium(mg/l)	0.38 $\pm$ 0.07 ^c	0.74 $\pm$ 0.02 ^a	0.51 $\pm$ 0.00 ^b	0.51 $\pm$ 0.00 ^b		Cadmium (mg/l)	0.23 $\pm$ 0.00 ^a	0.23 $\pm$ 0.00 ^a	0.06 $\pm$ 0.02 ^b	0.06 $\pm$ 0.02 ^b	
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