



SDI Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	2014_IRJPAC_11640
Title of the Manuscript:	HEAVY METALS CONCENTRATION IN WELL AND BOREHOLE WATER IN ALIERO METROPOLIS
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound.

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PART 1: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	Yes, the author should be write the introduction the results carefully	It has been revised
<u>Minor</u> REVISION comments	The author should be delete any excess sentences with the double meaning.	It has been done
<u>Optional/General</u> comments	Abstract Line 10 : The errors ± 0.05 for Cu is nearly 62.5 %, and ± 0.02pp for Mn is nearly 200 % Line 14: the error ± 0.03 for Ni is nearly 250 % These errors are so high for the heavy metal measurements. Line 18: the author writes toxicological effects of the heavy metal without calculations the risk effects. Introduction Line 25: Naturally all water contain impurities This sentence is not correct , really water is pure when it was far from any source of pollution, the minerals contents in water depend on the rocks and/or the soils which the water stream is flowing. Line31-35: pure water.....highest desired should be deleted. Line 36-39: (the constituent..... constituent) this paragraph must be deleted. The major cations in	Line 10 it is the standard deviation and it is 0.0006 It was Ni not Mn and the standard deviation is 0.0002 Line 14 for Ni it is standard deviation and is 0.0003 not 0.03. Line 25 the correction is effected Line 31 – 35 it is deleted It has been deleted



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	water are; sodium, potassium, calcium and magnesium and the major anions are; chlorides, sulphates , carbonates and bicarbonates. Copper, lead and chromium are not considered as the major cations in water. Nitrogen as; ammonia, nitrites and nitrates, and phosphates are the minor anion impurities in water. The biological impurities are another materials Line 56-60: some.... Biological functions must be deleted Materials and Methods Line 82: producers of onions is not our subject, this sentence must be deleted. Line 88: nitric acid should be added to the water sample before preservation in refrigerator, the volume of the water used for digestion (50 cm³) is so small , water sample should be filtrated before digestion . Results and Discussions The author writes that heavy metals have doxological effects to human health without calculations. The quantification of carcinogenic risk effects by heavy metals on health should be calculated. Conclusions How is the heavy metals , Fe , Mn and Cu play a biochemical role in the process of life?.	Line 56 – 60 it has been deleted Line 82 has been deleted Line 88 that is why it is kept at 4⁰C It was digested according to Greenberg, 1992 (21) and it is cited there. Conclusions Their functions in the body
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