

Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_87636
Title of the Manuscript:	Spectroscopic and Kinetic Study of Sucrose Oxidation by Cr(VI) and its Application in the Quantitative Analysis of Soil Organic Carbon Content
Type of the Article	Original Research 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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalirjpac.com/index.php/IRJPAC/editorial-policy>)

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)
Compulsory REVISION comments	The manuscript describes a technique for the determination of soil organic carbon by UV-Vis spectroscopy, based on the conversion of Cr (VI) to Cr (III) by sucrose standards. The approach is interesting, and the research methods are correct. The results obtained are quite well commented on, and the conclusions are pertinent.	
Minor REVISION comments	There are, however, certain aspects that need to be added/corrected, such as; 1. Clear presentation of the objectives of the study and the hypothesis from which it was started in order to carry out the research, 1. The time of expression – the past tense. 2. Description of the soil sample(s) used, type, location, and mode of collection, 3. Discussion of the results through analysis with other complementary studies in the same area of interest, 4. Confirming or refuting the hypothesis from which it was started, 5. Fields of application of this technique/method. 6. English language must be improved.	
Optional/General comments		

PART 2:

	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)
Are there ethical issues in this manuscript?	<u>(If yes, Kindly please write down the ethical issues here in details)</u>	

Reviewer Details:

Name:	Radu Sumalan
Department, University & Country	Banat's University of Agricultural Sciences and Veterinary Medicine, Romania