

Review Form 1.6

Journal Name:	Current Journal of Applied Science and Technology
Manuscript Number:	Ms_CJAST_87023
Title of the Manuscript:	MALE PHEROMONE ISOLATION, CHEMICAL ANALYSIS AND THE PERFUMES DEVELOPMENT FROM GOAT HAIR WASTE FROM SOME LOCAL FARMS IN THAILAND
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.journalcjast.com/index.php/CJAST/editorial-policy>)

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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)
Compulsory REVISION comments	<p>The manuscript is interesting, characterizing some products obtained from male goat hair and identifying the main component with activity pheromone, with economic importance in farms and elaboration of perfumes.</p> <p>I strongly suggest improving the English language. The paper will be understood more easily.</p>	
Minor REVISION comments	<p>Materials and Methods:</p> <p>2.1- I suggest the organization as a table of all the included information in this item, because is not clear in some cases if a word means a place or a strain of goats.</p> <p>2.3-2.6- I suggest the inclusion of a diagram showing the sequence of experiments for the preparation of the products and their characterization, and include the numbers 2.3-2.6 in the same order.</p> <p>2.7- I suggest to change the title of this item, for example use: '2.7- Study of bacterial contamination' As is described as well is difficult to understand it</p> <p>2.8- Description of materials purchase is better to be described at the beginning with the chemicals. Maybe is necessary a deeper description of these components, for better reproducibility of the experiments if desired.</p> <p>2.9 Test eritema compares initial and final eritema? Is present eritema at the beginning of the experiment (initial)?</p> <p>Results and Discussion:</p> <p>Anglo Nubian goats were not mentioned in materials and Methods. It is necessary to be coherent when communicate the results.</p> <p>3.1 and Table 3.1- If chemical formulas are included, relationships between the structures of the compounds analysed and biochemical ways involved can probably be found.</p> <p>3.3 Initial description must be included in Materials and Methods not here</p>	
Optional/General comments	<p>I suggest improving the text for a better communication of the experiments performed as well as their results and discussion. If the regions mentioned are geographically different into the country can be useful for foreigner readers the inclusion of a map.</p> <p>The more accepted practice for assays with human beings is to ask the signature from each participant of an informed consent, where the complete information about the experiment to be performed is included. Committee for Ethics in research with human beings from the University can evaluate this aspect.</p> <p>It is dangerous, however, the application of products from animal origin onto the skin of human beings. Even when in the present work was shown the absence of some important pathogens, it is not possible with the used methods the demonstration of absence for example of viral agents. The experiments onto human skin are not compatible (in my opinion) with current criteria for ethics in research with human beings.</p> <p>A more correct procedure is the identification of the compounds into the natural products followed by the synthesis and preparation of artificial blends of the compounds.</p> <p>For the animals the procedure for hair cutting was not described in enough detail. The correct description can be included in a protocol and submitted to a local Committee for evaluation of Ethics in the use of experimental animals.</p>	

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?	(If yes, Kindly please write down the ethical issues here in details)	

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