

Review Form 1.7

Journal Name:	Asian Journal of Research in Animal and Veterinary Sciences
Manuscript Number:	Ms_AJRAVS_118623
Title of the Manuscript:	Efficiency of Bark Extract of Azadirachta indica on Improving Ruminal Ammonia – Nitrogen Utilization in Ruminants In vitro
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. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<https://www.journalajravs.com/index.php/AJRAVS/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)
<p>Compulsory REVISION comments</p> <ol style="list-style-type: none"> 1. Is the manuscript important for scientific community? (Please write few sentences on this manuscript) 2. Is the title of the article suitable? (If not please suggest an alternative title) 3. Is the abstract of the article comprehensive? 4. Are subsections and structure of the manuscript appropriate? 5. Do you think the manuscript is scientifically correct? 6. Are the references sufficient and recent? If you have suggestion of additional references, please mention in the review form. <p>(Apart from above mentioned 6 points, reviewers are free to provide additional suggestions/comments)</p>	<p>Yes, it is important to explore the efficacy of natural product (bark extract of <i>azadirachta indica</i>) on improving ruminal ammonia – nitrogen utilization in ruminants</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p> <p>1-Why were different temperature degrees for incubation applied among treatments ? 2- What does it mean treatment number 1 ? is it as control or 100 mg/l of BEA ? 3- why did not author (s) analyse the metabolizable energy in formulated diet ? 4- Why did not author (s) analyse the phytochemical in bark of neem? 5- In current study, is there any analysis for microbial composition of ruminal fluid ? and is there any differences in ruminal fluid extracted from live and dean animal? 6-In current experiments, factorial experiment of interactions (4x 3) for ammonia production and pH data must be adopted based on two main factors : First factor is BEA with its level (0, 100, 200, 400 mg/l) Second factor is incubation temperature (12, 24, 48 hr)</p> <p>Also, factorial experiment of interactions (4x 6) for gas production data must be adopted. First factor is BEA with its level (0, 100, 200, 400 mg/l) second factor is incubation temperature (3, 6, 9, 12, 24, 36 hr)</p> <p>Therefore and on basis that the mathematical model of statistics must be formulated and present the total main of factors (BEA level) and (incubation time) in results.</p>	
<p>Minor REVISION comments</p> <ol style="list-style-type: none"> 1. Is language/English quality of the article suitable for scholarly communications? 	<p>Yes</p>	
<p>Optional/General comments</p>		

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PART 2:

	Reviewer's comment	Author's comment <i>(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)</i>
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

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