

# Review of: "Effect of Bromide on Livestock Development: a Review"

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Potential competing interests: No potential competing interests to declare.

Title: Effect of Bromide on Livestock Development

Decision: The manuscript needs major revision

*General comments:*

1. *The authors should indicate the ORCID.*
2. *The entire study should be revised by a language editor.*
3. *The structure of the review article is not correct. For example, the section on discussion is not necessary in the study, and the title should change.*
4. *The authors should provide more data on the prevalence of bromine deficiency in livestock.*
5. *The authors should add more recent publications and avoid using old ones.*

*Abstract:*

*The abstract section is very short. In the abstract, the authors should indicate the key findings, background, conclusion, and novelty of the study.*

Minor comments:

What do the authors mean by the maintenance of the body?

Introduction:

In the introduction, the authors should add more data on the role of bromide in livestock health, but there is no data on bromide related to livestock bodies. In addition, the authors should add more recent references from 2020-2024 in the introduction.

Minor comments:

The last sentence in the introduction needs a reference.

All the statements should have a reference in the study; please provide a reference for the following statement: "A large source of fresh water in agriculture is groundwater. The presence of inorganic WQC in groundwater is complex and is due to the geology, volcanic activity, pH, oxygen, degree of dissociation, and water sources replenishing the aquifers."

Dissociated inorganic WQC vary in their physical properties as they are categorized in the periodic table.”

The aim of the study should be indicated at the end of the introduction.

*Methods:*

The authors should indicate how many articles they used in this study.

What were the exclusion criteria?

*Minor comments:*

The authors mentioned that they incorporate data from their own publications. Why?

*Discussion:*

*The review articles do not have a discussion section.*

*The authors should provide more data on the deficiency of bromide and the diseases associated with it.*

There are many references such as the following: Mason, 1936; Cole & Patrick, 1958; Hellerstein et al., 1960; Ullberg et al, 1964. The authors should indicate more recent publications.

What is the effect of bromine on the immune system?

*Conclusion:*

Which tissue development?

Please add some suggestions for further studies.

*References:*

*Please provide DOIs for all references*