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Table 1

[illegible]

[illegible]

2. Materials and methods

2.1. Animals and experimental design

[illegible]

2.2. Sampling, measurements, and analyses

Table 2

[illegible]

[illegible]

3. Results

3.1. Dietary amino acids composition, feed intake, and milk production performance

[illegible]

3.2. Estimated digestive flow of essential amino acids

[illegible]

Table 3

[illegible]

Table 4

[illegible]

Table 5

[illegible]

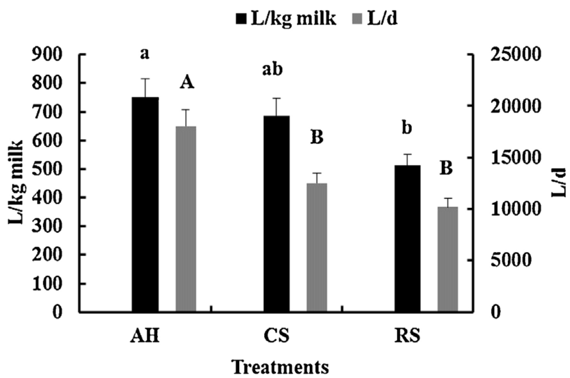

Fig. 1. [illegible]

[illegible]

3.4. Utilization of amino acids by the mammary gland

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[illegible]

Table 6

[illegible]

[illegible]

3.4.2. Arterial-venous difference and arterial free amino acids supply

[illegible]

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[illegible]

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3.4.5. Uptake to output ratios for amino acids across the mammary gland

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4. Discussion

[illegible]

5. Conclusion

Conflict of interest

Acknowledgements

References