Validation Letter: Mootral Ruminant® cattle feed supplement effectiveness
CERT-12712

Dear Ms Botticelli,

Carbon Trust Assurance Limited ("The Company") has validated and formed an opinion under ISO 14064-2 that:

- Mootral SA ("You") has demonstrated that there are cattle and sheep rumen methane performance improvements as a result of Mootral supplementation without significantly affecting animal performance (e.g. weight gain and/or milk production in absolute or per kg DMI).
- Mootral can lead to a decrease in dairy cattle enteric methane production by up to 38% dependent on herd management, breed and diet etc.
- Mootral can lead to an increase against a valid baseline in:
  - Milk protein and fat content
  - Milk production/yield

Farmers are recommended by the Carbon Trust and Mootral SA to test the impact of Mootral Ruminant® on their herd for at least 6 weeks before committing to long-term use.

The Company has provided a limited assurance validation regarding the above claim following office-based review of documentation, academic references, and experimental results as provided by You and in the public domain. We have found no evidence to suggest this claim is misleading.

**Applicable Period of Claims**

This validation is valid for a period of 24 months from 1 April 2019 (the ‘effective date’) until 31 March 2021, subject to the provisions in this Letter.
Communications

You are permitted to communicate our opinion as set out below:

- “The Carbon Trust has validated that correct use of Mootral Ruminant® within a typical diet can reduce dairy cattle enteric methane emissions production by up to 38%.”
- “The Carbon Trust has validated that correct use of Mootral Ruminant® within a typical diet can reduce ruminant enteric methane emissions.”

Any communications, other than those listed above, shall be submitted to the Company for prior approval and may be documented in an Annex of this Letter at the Company’s discretion.

For and on behalf of
Carbon Trust Assurance Limited

Morgan Jones
Associate Director - Assurance