

# Carbon Footprint Reduction Certificate

## Selko® IntelliBond

Company is using **Selko® IntelliBond** and therefore reduces  
it's carbon footprint up to 2% per kg of ECM

### **Justification of claim and related verification process:**

Validation based on 5 independent studies, comparing Selko IntelliBond Z,  
C and M against sulfate-based trace minerals

Study results were analysed via an ISO Compliant Model  
to determine the Carbon Footprint comparison

Supporting data and results were complied within and ISO compliant  
dossier for independent review

Prof. E. Kebreab, University of CA, Davis completed an independent  
review, verifying that all data inputs and procedures  
were aligned with ISO 14040, 14044 requirements

The review verified that the analysis of Selko IntelliBond Z,  
C & M via the ISO Compliant Model resulted in a valid response  
when sulfate-based trace mineral forms are entirely replaced

Commissioned by: Nutreco/Trouw Nutrition

Prepared by: PRé Sustainability B.V., Stationsplein 121, 3818 LE Amersfoort, The Netherlands

Reviewed by: Prof. Ermias Kebreab, University of California, Davis, United States of America

**References** ISO 14040 (2006): Environmental Management - Life Cycle Assessment - Principles and Framework ISO 14044 (2006):  
Environmental Management - Life Cycle Assessment - Requirements and Guidelines ISO/TS 14071 (2014):  
Environmental management -Life cycle assessment - Critical review processes and reviewer competencies:  
Additional requirements and guidelines to ISO 14044:2006

The study has been carried out in conformity with ISO 14040  
and ISO 14044 following the critical  
review procedures of ISO TS 14071.

Ermias Kebreab  
Professor, University of California, Davis

