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iQi lamb meal





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# IQi Lamb meal

## IQi added value:

### Experience

- IQi has 25+ years' experience in sourcing, upgrading and providing the highest quality lamb meal from Australia and New Zealand
- Our dedicated warehouses in Europe and North-America focus on quality control and processing lamb meal
- We provide pure, clean and high-quality lamb meal that is worry-free and ready-to-use



Type: Screening LCA  
Result: 2,52 kg CO2 eq./kg EXW  
Year: 2022 (Blonk)  
Method: PEFCR Petfood  
Actions: • Working on primary data

## Sustainability

- IQI lamb meal is made from high-quality side-stream products of the lamb meat processing industry
- The on farm emissions of ANZ land are the lowest in the world

## The product

- IQI's extensive cleaning process removes all foreign bodies, all metal parts, ensuring high digestibility and improved handling for our customers
- On-demand anti-oxidant dosing
- Repackaging options from bulk to big bags (totes) or small bags (25 kg)

## Supply chain

- Year-round availability of lamb meal
- Short delivery times & on-time delivery
- Fully transparent supply chain, guaranteeing quality, purity and sustainability

## Quality

- IQI has a strict supplier approval program to ensure the high quality expected by today's pet food customers
- Quality certifications available of our warehouses in Europe and North-America

## Application

- ANZ lamb meal is substantially lower in % ash as compared to EU lamb meal
- ANZ lamb meal is NOT restricted for export
- ANZ Lamb is a free range protein source and predominantly grass fed

# Production:

IQI's lamb meal facilities in Europe and North America specialize in quality control and the screening and cleaning of lamb meal, removing all plastic, wool, and bone fragments, as well as other foreign bodies.

Take a look at how we do this:

<https://www.iqi-petfood.com/iqi-opens-up-its-european-warehouse-in-a-unique-new-video/>



## Lamb meal portfolio

	ANZ		EU/UK
	Standard 55	Low ash	Standard
Protein (typical)	55 %	55 %	53 %
Fat (typical)	14 %	13 %	12 %
Moisture (typical)	5 %	5 %	4 %
Ash (typical and max)	24 % (<26%)	20 % (<22%)	29 % (<33%)

# Sustainability

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As sheep and lamb are ruminants their production is associated with a relatively high carbon foot print.

A very large part of the CO<sub>2</sub> eq. emissions occur on farm.

NZ farm emissions are 50% lower than global average. This was the outcome of a (2022) study by AgResearch on request of the New Zealand beef and lamb association.

IQI asked Blonk (2023) to perform a LCA for lamb meal coming from Australia an New-Zealand. In this LCA, based on secondary & primary data, the following results came out:

Trucking	0,26	average for Europe and USA
Ocean freight	0,13	average for Europe and USA
Rendering	0,61	
Lamb feed	0,85	
Lamb farming	1,06	
Total	2,52	Lamb meal (kg CO <sub>2</sub> eq/kg) EXW producer
	2,91	Lamb meal (kg CO <sub>2</sub> eq/kg) delivered to pet food customer

As the farming part of Carbon foot print analysis is the biggest hot spot in the supply chain it is very relevant for the total foot print.

The fact that the NZ lamb farming foot print is less than 50% of the average global lamb farming foot print, means that the lamb farming could be considered 0,53 in stead of 1,06. This offsets by far the foot print of the additional ocean freight (as compared to EU lamb meal.



## Typical LCA of European lamb versus an ANZ lamb meal meal source

### EU Lamb

Trucking 0,26

Oceanfreight 0

Rendering 0,61

Feed 0,85

Farming 1,06

**Total**  
**2,73**  
(kg CO<sub>2</sub> eq/kg)  
Lamb meal

### ANZ Lamb

Trucking 0,26

Oceanfreight 0,13

Rendering 0,61

Feed 0,85

Farming 0,53

**Total**  
**2,38**  
(kg CO<sub>2</sub> eq/kg)  
Lamb meal



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