Product description: Lamb meat and bone meal obtained from lamb by products from slaughterhouses in New Zealand.

Country of origin: New Zealand

Ingredients: Lamb

Packaging: Bulk, Big bags (1000 kg)

<table>
<thead>
<tr>
<th>Analytical characteristics</th>
<th>Minimum</th>
<th>Target</th>
<th>Maximum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Crude Protein</td>
<td>53</td>
<td>56</td>
<td>60</td>
</tr>
<tr>
<td>Crude Fat</td>
<td>7</td>
<td>13</td>
<td>15</td>
</tr>
<tr>
<td>Moisture</td>
<td>3</td>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>Crude Ash</td>
<td>22</td>
<td>25</td>
<td>26</td>
</tr>
</tbody>
</table>

Chemical analyzes

<table>
<thead>
<tr>
<th>Peroxide</th>
<th>Value</th>
<th>Max. 10 mEq/kg</th>
</tr>
</thead>
</table>

Bacteriological analyzes

<table>
<thead>
<tr>
<th>Salmonella</th>
<th>Value</th>
<th>Negative in 25 g</th>
</tr>
</thead>
</table>

Sensory requirements:

| Appearance: | Granulated powder |
| Color:      | Brown            |
| Odor:       | Typical-cooked aroma of meat- no rancid odors |

Storage requirements: The product should be stored in a dark, cool and dry place. Under appropriate conditions shelf life is 9 months.

Legal requirements: The product is produced in accordance with EU regulation. International Quality Ingredients is a registered establishment under 018122 (EU No 183/2005) and NL 207482 (EU No 1069/2009).

International Quality Ingredients is certified according to the standard of GMP+ Feed Certification scheme, module GMP+ FSA.

Restriction in usage: Pet food raw material that contains or may contain ruminant protein and therefore not suitable for ruminant feed and or human consumption.

At IQI we don’t mix. Save minute contaminations that unavoidably occur in good slaughtering and processing conditions, we deliver pure quality, ensuring the integrity of all our products. Read our Terms & Conditions, which apply to all offers and contracts made by and between IQI and its customers, at www.IQI-petfood.com/general-conditions.
1. Chemical product and company identification: Lamb meat and bone meal

2. Composition / information on ingredients: Dry material derived from the processing of animal by-products of category 3 lamb.

3. Hazard identification: Dust may be irritating to eyes, skin and respiratory system. Risk of spontaneous combustion during storage.

4. First aid measures:
   - Eye contact: Rinse out with plenty of water with the eyelid held wide open. May cause irritation.
   - Skin: Wash off with plenty of water. Remove contaminated clothing. May cause irritation or rash.
   - Inhalation: Fresh air. Excessive inhalation of the powder may obstruct respiration.
   - Ingestion: Rinse mouth with water. If swallowed, seek medical attention if symptoms occur.
   - General: Seek medical attention if symptoms remain or feeling unwell.

5. Fire-fighting measures:
   - Special fire/explosion risk: Combustible. Strong to severe explosive hazard if dust cloud contacts an ignition source. Risk of spontaneous combustion at storage temperature greater than 50 °C. Products of combustion: CO2, H2O, NOx, SOx.
   - Extinguishing media: Water, CO2, foam, powder.
   - Special fire fighting procedures: Use water to wet down meal to reduce the likelihood of ignition or dispersion of dust into the air. Wear Self Contained Breathing Apparatus, full protection clothing.
   - Explosive limits in air: 30 grams per cubic meter.

6. Accidental release measures:
   - Personal protection: Wear gloves, goggles and overalls, avoid substance contact and generation of dusts.
   - Environment precautions: Keep animals away from split material.
   - Methods of cleaning up: Sweep or vacuum spills for recovery or disposal; avoid creating dust conditions. Provide good ventilation where dust conditions may occur.
7. Handling and storage:

Precautions during handling: Avoid eye contact. Avoid prolonged or repeated contact with the skin. Avoid prolonged or repeated breathing of dust in the air. Wear Personal protective equipment (PPE) as in section 8. Avoid heat and elevated temperatures. Provide adequate and local exhaust ventilation to maintain healthy working conditions. Use good personal hygiene and housekeeping. After handling, wash hands with soap and warm water.

Precautions during storage: Store away from heat and elevated temperatures. Keep away from moisture. Store in a cool, dry, well ventilated area. Avoid creating dust conditions. Prevent access of animals to material.

8. Exposure controls/personal protection:

Special protective measures: Local exhaust ventilation may be required if exposure exceeds the exposure limit.

Respiratory: In dusty conditions use local exhaust ventilation. If not practical use an approved respirator.

Hand: Wear gloves.

Eye: Wear goggles.

Skin: Lightweight protective clothing.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice.

Exposure limits: No specific occupational exposure limits (OSE).

9. Physical and chemical properties:

Physical state: Powder.

Color: Brown.

Odor: Typical cooked aroma of meat- no rancid odors.

pH: Not applicable.

Temperature characteristics: Decomposition temperature > 50°C.

Solubility: Non soluble in water.

Density: 0.6 g/cm³

Flammability: Not flammable.
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| 10. Stability and reactivity: | Stability: Stable under the appropriate conditions. | Conditions to avoid: Product can spontaneously combust if stored in damp conditions at temperatures > 50°C. |
| 11. Toxicological information: | Not considered hazardous to health. |
| 12. Ecological information: | No known ecological hazards. |
| 13. Disposal considerations: | Dispose of in accordance with the applicable local and national regulations. |
| 14. Transport information: | Not classified as hazardous for supply in the meaning of the transport regulations. |
| 15. Regulatory information: | Not classified as hazardous for supply in the meaning of EU regulations. |
| 16. Other information: | None. |