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**TECHNICAL DATA SHEET**  
(Product Code: 104000 – 1040125 – 1040425)

**Physical Properties:**

|                     |                                      |
|---------------------|--------------------------------------|
| General Description | Seaweed Meal                         |
| General Application | Animal Feed                          |
| Raw Material        | Ascophyllum nodosum                  |
| Appearance          | Olive coloured, fine powder          |
| Smell/taste         | Typical for dried and ground seaweed |
| Particle size       | Min. 90% through a 3.5 mm sieve      |

**Average Composition:**

|                                       |           |
|---------------------------------------|-----------|
| Moisture                              | ≤ 14 %    |
| Crude Protein                         | 5 – 8 %   |
| Crude fat                             | 2 – 4 %   |
| Crude fibre, less than                | 7 %       |
| Ash                                   | ≤ 27 %    |
| Total Dietary Fiber (Polysaccharides) | 40 – 50 % |
| Soluble Dietary Fiber                 | 35 – 45 % |
| Unsoluble Dietary Fiber               | 1 – 5 %   |

**Macronutrients:**

|                |             |
|----------------|-------------|
| Nitrogen (N)   | 0.8 – 1.5 % |
| Calcium (Ca)   | 2 – 5 %     |
| Magnesium (Mg) | 0.2 – 0.6 % |

**Micronutrients:**

|             |                |
|-------------|----------------|
| Copper (Cu) | 1 – 20 ppm     |
| Iron (Fe)   | 150 – 1000 ppm |
| Iodine (I)  | 450 - 1000 ppm |

**Vitamin complex:**

Carotene, Ascorbic Acid, Riboflavin, Thiamin, Tocopherols, Niacin, B12, Folic Acid

**Valagro Global R&D (on behalf of Algea A.S.)**

**Quality Control Specialist**

Dott. Alessio Altieri

**Global R&D Director**

Alberto Piaggese, Ph.D.

Print Date: February, 25<sup>th</sup>, 2016

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|----------------------|--|
| <b>Customer Code</b> |  |
| <b>Customer Name</b> |  |
| <b>Order Number</b>  |  |