

PRODUCT SPECIFICATION

| | | | |
|---------------------------|---------------------------------|---------------------------------------|---------------------------------------|
| Scientific Name/s: | <i>Melanogrammus aeglefinus</i> | Description : (Common Name) | White Fish Minced formed blocks 7.5Kg |
|---------------------------|---------------------------------|---------------------------------------|---------------------------------------|

1. PRODUCT

| | | | |
|--------------------------------|--------------------------|-----------------------------|-----------------------------|
| Catch Area & FAO No | FAO 27 | Ingredients | Haddock / Cod (FISH) |
| Sub Area | Ia, Ib, IIa, IIb, Va | Unit | Blocks |
| Raw Material Origin | Norway & Iceland | Weight Range | 7.5kg |
| Country of Production | United Kingdom GB GG 571 | Glaze | N/A |
| Shelf life from D.O.P | 24 months | Production Method | Minced & Plate Frozen |
| Product Temperature | -18oC or Colder | Catch/Harvest Method | Bottom Trawl or Line caught |
| Storage Temperature | -22oC or Colder | | |

2. PACKAGING

| | | | |
|-------------------|------------------------------|-------------------------|-------|
| Inner Type | Food grade waxed block liner | Colour | Brown |
| Outer Type | N/A | Weight per Outer | 7.5Kg |

3. LABEL REQUIREMENTS/MARKINGS

| | | |
|---|-------------------------------|---|
| <p>NO Supplier information unless agreed with FASTNET FISH LTD beforehand</p> <p><i>All packaging shall be free from metal staples</i></p> <p>All labels/markings to be legible and printed in indelible ink</p> | <p>INNER PACKAGING</p> | <p>OUTER PACKAGING</p> <ol style="list-style-type: none"> 1. Scientific Name/Common Name/Product Description/Production Method 2. Production Date/Frozen On:DD/MM/YYYY 3. Lot No. 4. Best Before Date: 5. Nett Weight/Pack weight 6. Store at -18oC or Colder 7. Catch Area & FAO No's & Ice's or Sea Name/Country of Origin/Category of Fishing Gear 8. EU Approval No. 9. Ingredients/Allergen Advice 10. Address of EU Importer |
| <p>Please Note : These requirements must conform to any current UK & EC Legislation</p> | | |

4. PHYSICAL STANDARDS

| Analysis | Target | Reject |
|---------------------|--|--|
| Weight Range | 7.5Kg | Greater than 5% outside specified limits |
| Appearance | Good shaped block, free from bruising/blood spots or any other extraneous matter | Poor, deformed shape, blemishes, dehydration, discolouration, blood line present |
| Bones | No evidence of | Greater than 1 bone per kg greater than 10mm in length |
| Skin | No evidence of | Greater than 4 pieces per kg exceeding 10mm ² |
| Bruising | No evidence of | Greater than 10% surface area affecting the appearance and/or eating quality |
| Bloodspots | No evidence of | Greater than 5 per kg exceeding 10mm ² |
| Parasites | No evidence of | Greater than 1 per kg |

5. PROCESSING STANDARDS, HYGIENE AND HANDLING

Product destined for human consumption requires to be processed inline with all EC & UK legislation and must be fit for its purpose.

HACCP & Good Manufacturing Practice must be operational and supplied.

Product must be fully traceable. The final product must be free from any foreign material.

6. SENSORY ASSESSMENT OF FISH QUALITY

| Analysis | Frozen | Thawed | Cooked |
|------------|--|--|------------------------------------|
| Appearance | Well formed block with good sharp edges, white in colour | White minced fish free from blemishes &/or defects | Well presented product, no defects |
| Odour | Fresh with no off odours | Slightly fishy | Sweet, fishy |
| Flavour | | | Sweet, fishy |
| Colour | White / Creamy white | Creamy white | Creamy white |

7. MICROBIOLOGICAL & CHEMICAL STANDARDS

| Analysis | Target | Reject | Frequency |
|-------------------------|--------|--------|--------------------------|
| TVC @ 30°C for 48 hours | <10(5) | >10(6) | Against Customer request |
| Coliform | <10(3) | >10(4) | Against Customer request |
| E. Coli | <10 | >50 | Against Customer request |
| Staph Aureus | <50 | >100 | Against Customer request |

8. Nutritional Information

| | Typical Values/100g | | Typical Values/100g |
|-----------------|---------------------|------------------------------|---------------------|
| Energy KJ | 337 | Of which are Saturates | 0.1 |
| Energy Kcals | 80 | Of which are Monounsaturates | 0.1 |
| Protein | 18.3 | Of which are Polyunsaturates | 0.3 |
| Carbohydrate | 0 | Dietary Fibre | 0 |
| of which Sugars | 0 | Sodium (mg) | 60 |
| Fat | 0.7 | Salt | 0.15 |

9. Transport and Storage

Product is to be transported and stored at a minimum of -18oC except for brief fluctuations up to -15oC during loading and unloading. Product must be transported and stored in clean and hygienic conditions/environment.

10. Contaminants & Allergens

The information used in this section helps provide critical data regarding product ingredients. It is vitally important that this data is correct and that no unauthorised changes are made to the product ingredients.

| CATEGORY | YES | NO | CATEGORY | YES | NO |
|---|-----|----|--|-----|----|
| Free from all additives | YES | | Free from all pesticides/residues | YES | |
| Free from GMO organisms & ingredients | YES | | Free from artificial preservatives | YES | |
| Free from artificial flavours/enhancers | YES | | Free from heavy metal contamination | YES | |
| Free from anti oxidants | YES | | Free from colours, natural/added | YES | |
| Free from sweeteners | YES | | Free from all antibiotics/antimicrobials | YES | |
| Free from Celery | | | | YES | |
| Free from Egg, Egg derivatives | | | | YES | |
| Free from Cereals containing Gluten - Including Wheat (such as spelt, Khorasan), Rye, Barley & Oats | | | | YES | |
| Free from Crustaceans - such as Prawns, Crabs, Lobsters | | | | YES | |
| Free from Fish, Fish derivatives | | | | | NO |
| Free from Lupin | | | | YES | |
| Free from Milk, Milk derivatives | | | | YES | |
| Free from Molluscs - such as Mussels, Oysters, Squid | | | | YES | |
| Free from Mustard | | | | YES | |
| Free from tree nuts - Almonds, Hazelnuts, Walnuts, Brazil Nuts, Cashews, Pecans, Pistachios, Macadamia Nuts | | | | YES | |
| Free from Peanuts | | | | YES | |
| Free from Sesame Seeds | | | | YES | |
| Free from Soybeans | | | | YES | |
| Free from Sulphur Dioxide and Sulphites (more than 10ppm) | | | | YES | |

11. Acceptable Standard



