

# AB WORLD FOODS

|  |                           |                         |                   |
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| Location: ABWF   | Document No: NTech019-F01 | Number of pages: 1 / 7  |                   |
| Document Title: Finished product specification/ Specyfikacja wyrobu gotowego |                           |                         |                   |
| Issue date: 12.07.2013   | Version: 3                | Change date: 13.01.2017 | Authorized by: OD |

## PRODUCT TECHNICAL INFORMATION SHEET

| MANUFACTURING ADDRESS  | TECHNICAL CONTACT DETAILS   |
|--|---|
| AB Foods Polska<br>Przemysłowa 2,<br>67-100 Nowa Sól                               | NAME: Aleksandra Dobrosielska<br>POSITION: Site Technical Manager<br>TEL: +48 502 236 974<br>FAX: +48 068 455 7297<br>EMAIL: adobrosielska@abfoods.pl |
| <b>EMERGENCY CONTACT:</b><br>NAME: Aleksandra Dobrosielska<br>TEL: +48 502 236 974 | POSITION: Site Technical Manager<br>EMAIL: adobrosielska@abfoods.pl   |

| PRODUCT DETAILS |                |
|-----------------|----------------|
| Product Code    | 220519         |
| Product Name    | Fish Sauce     |
| Brand           | Blue Dragon    |
| Net Quantity    | 150 ml         |
| Barcode         | 5010338205195  |
| Units per Case  | 12             |
| Outer Barcode   | 05015612205199 |

| LABEL DETAILS   |            |
|---|------------|
| Mandatory Name  | Fish Sauce |
| Ingredients List (as stated on-pack)  |            |
| <b>INGREDIENTS:</b> Anchovy Extract (68%) <b>(Fish)</b> , Salt, Sugar, Water. |            |

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| <b>ALLERGEN INFORMATION (as provided on the product label)</b> |                            |                               |                             |
|--|----------------------------|-------------------------------|-----------------------------|
|  | <b>CONTAINS<br/>YES/NO</b> | <b>MAY CONTAIN<br/>YES/NO</b> | <b>SOURCE</b>               |
| Milk & Milk Derivatives (including Lactose)                    | No                         | No                            |                             |
| Egg & Egg Derivatives  | No                         | No                            |                             |
| Gluten-containing Cereals & Derivatives                        | No                         | No                            |                             |
| Soya & Soya Derivatives  | No                         | No                            |                             |
| Mustard & Mustard Derivatives                                  | No                         | No                            |                             |
| Celery/Celery & Celery/Celery Derivatives                      | No                         | No                            |                             |
| Fish & Fish Derivatives  | Yes                        | No                            | Anchovy extract             |
| Crustaceans & Crustacean Derivatives                           | No                         | No                            |                             |
| Molluscs & their Derivatives                                   | No                         | No                            |                             |
| Lupin & Lupin Derivatives                                      | No                         | No                            |                             |
| Sesame Seeds & Sesame Seed Derivatives                         | No                         | No                            |                             |
| Sulphur Dioxide & Sulphites ( $\geq 10$ ppm)                   | No                         | No                            |                             |
| Peanuts & Peanut Derivatives                                   | No                         | Yes                           | May Contain, Claim on label |
| Nuts & Nut Derivatives (EU)*                                   | No                         | Yes                           | May Contain, Claim on label |
| Tree Nuts & Tree Nut Derivatives (US FDA)**                    | No                         | Yes                           | May Contain, Claim on label |
| Aspartame / Aspartame-Acesulfame Salt                          | No                         | No                            |                             |
| Honey & Honey Derivatives (Bee Pollen, Royal Jelly, Propolis)  | No                         | No                            |                             |
| Tomatoes & Tomato Derivatives                                  | No                         | No                            |                             |
| Latex Contact Risk   | No                         |                               |                             |

\* "Nuts" are defined in EU, Norwegian and Swiss allergen labelling requirements as almonds, Brazil nuts, cashews, hazelnuts, macadamia nuts / Queensland nuts / Australia nuts, pecan nuts, pistachio nuts, and walnuts.

\*\* "Tree nuts" are defined in US FDA allergen labelling requirements as almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, coconut, filbert / hazelnut, ginko nut, hickory nut, lichee nut, macadamia nut / bush nut, pecan, pili nut, pine nut / pinon nut, pistachio, sheanut, and walnut / heartnut / butternut.

| <b>LIFESTYLE (label claims)</b> |               |                         |
|---------------------------------|---------------|-------------------------|
|                                 | <b>YES/NO</b> | <b>DETAILS</b>          |
| Suitable for Vegetarians        | No            | Contain Fish            |
| Suitable for Vegans             | No            | Contain Fish            |
| Gluten Free                     | No            | No claim on label       |
| Certified as Halal              | No            | Not certified           |
| Certified as Kosher             | No            | Not certified           |
| Certified as Organic            | No            | Not certified           |
| Use of RSPO-certified palm oil  | No            | Do not contain palm oil |
| No Artificial Colours           | Yes           | Claim on pack           |
| No Artificial Flavours          | Yes           | Claim on pack           |
| No Artificial Preservatives     | Yes           | Claim on pack           |

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| CONTAMINANTS                                 |        |         |
|--|--------|---------|
|  | YES/NO | DETAILS |
| Free from Irradiation/Irradiated Ingredients | Yes    |         |
| Free from Genetically Modified Ingredients   | Yes    |         |

| NUTRITION DATA       |              |  |
|----------------------|--------------|--|
| Typical Values       | Per 100ml    | Per Serving<br>Serving Size:n/a<br>Servings per Pack:n/a |
| Energy (kJ) / (kcal) | 304kJ/73kcal |  |
| Fat:                 | <0.5g        |  |
| of which saturates   | <0.1g        |  |
| Carbohydrate:        | 11.6g        |  |
| of which sugars      | 9.1g         |  |
| Protein              | 6.6g         |  |
| Salt                 | 26.7g        |  |

NB US FDA Nutrition Facts are given as % daily values for the stated serving size, not per 100g / per 100ml

| NUTRITION CLAIMS (label claims) |        |         |
|---------------------------------|--------|---------|
|                                 | YES/NO | DETAILS |
| Low Fat                         | No     |         |
| Reduced Fat                     | No     |         |
| Reduced Energy                  | No     |         |
| Reduced Sugar                   | No     |         |

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## Finish Product Standards

| PHYSICAL ATTRIBUTES |                      |
|---------------------|----------------------|
| ATTRIBUTE           | DESCRIPTION          |
| Colour              | Clear Amber Coloured |
| Texture             | Liquid               |
| Heat Level          | N/A                  |
| Flavour             | Fishy and salty      |

| CHEMICAL STANDARDS (complete only as appropriate) |                                     |                                |             |
|---|-------------------------------------|--------------------------------|-------------|
| TEST  | METHOD                              | FREQUENCY                      | STANDARDS   |
| pH  | pH Meter                            | Every lot                      | 5-6         |
| Salt  | Volumetric Method AOAC, 2005        | Every lot                      | 25-28 % w/v |
| 3-MCPD  | Based on J, AOAC International 2001 | Once a year tested by supplier | 0-10 ppb    |
| Total Nitrogen                                    | AOAC 2005                           | Every lot tested by supplier   | 10-12 g/l   |
| Histamine   | In house 977.13,2012                | Every lot tested by supplier   | <400 ppm    |
| Brix  | Hand Refractometer                  | Every lot tested by supplier   | 37-38.0 %   |
| Aw  | Water activity meter                | Every lot tested by supplier   | 0,7-0,75    |
| Moisture  | Moisture Analysers                  | Every lot tested by supplier   | 60-65 %     |

| MICROBIOLOGICAL STANDARDS (complete only as appropriate) |                     |                  |                  |                                |
|--|---------------------|------------------|------------------|--------------------------------|
| TEST   | UNIT OF MEASUREMENT | TARGET           | REJECT LEVEL     | FREQUENCY                      |
| TVC  | cfu/ml              | <10 <sup>4</sup> | ≥10 <sup>4</sup> | Every lot tested by supplier   |
| <i>Staphylococcus</i>                                    | cfu/ml              | <10 <sup>2</sup> | >10 <sup>2</sup> | Once a year tested by supplier |
| <i>Salmonella</i> spp.                                   | In 25 ml            | Negative         | Positive         | Once a year tested by supplier |
| Yeasts & Moulds  | cfu/ml              | <10 <sup>3</sup> | >10 <sup>3</sup> | Once a year tested by supplier |
| <i>Bacillus</i>  | cfu/ml              | <100             | ≥100             | Once a year tested by supplier |
| <i>Clostridium perfringens</i>                           | In 1 ml             | Not detected     | Detected         | Once a year tested by supplier |
| <i>Coliforms</i>   | MPN/ml              | <3               | ≥3               | Every lot tested by supplier   |

| FOREIGN BODY CONTROL     |                 |  |
|--------------------------|-----------------|--|
| METAL DETECTION          | TEST PIECE SIZE | FREQUENCY  |
| Ferrous                  | 2.5 mm          | Start and finish of each product run and shift, then every 1 hour, after each calibration, after each breakdown and break. |
| Non ferrous              | 3.0 mm          |  |
| Stainless Steel          | 3.5 mm          |  |
|                          | USED?           | DETAILS  |
| X-RAY DETECTION SYSTEM   | NO              |  |
| OPTICAL DETECTION SYSTEM | YES             | Visual control during intake, weighing and cooking, bottle inversion before filling  |
| SIEVE / FILTRATION       | YES             |  |
| MAGNETS                  | NO              |  |
| OTHER SYSTEMS            | NO              |  |

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| PRODUCT STORAGE   |   |                               |
|---|---|-------------------------------|
| Total Shelf Life  | 24 months   |                               |
| Recommended Unopened Storage Conditions                   | Store in a cool dry place.  |                               |
| Durability Date (Type) (Location)                         | Type:<br>Prod: Day (DD) Month (MM) Year (YYYY) Time (HH:MM)<br>BBE: Month(MM) Year (YYYY) | Location<br>Side of the label |
| Example of Lot Marking Format for Traceability & Location | Prod: 10.01.2010 15:18<br>BBE: 07.2012  |                               |
| Shelf Life Once Opened                                    | use by best before date indicated.  |                               |
| Recommended Opened Storage Conditions                     | Once opened keep refrigerated   |                               |

## Packaging Details

| PRIMARY PACKAGING DETAILS | COMPONENT 1 | COMPONENT 2 | COMPONENT 3 | COMPONENT 4 |
|---------------------------|-------------|-------------|-------------|-------------|
| Type of Packaging         | Bottle      | Cap         |             |             |
| Material                  | Glass       | HDPE/LDPE   |             |             |
| Recyclable?               | Yes         | Yes         |             |             |

| SECONDARY PACKAGING DETAILS | COMPONENT 1 | COMPONENT 2 | COMPONENT 3 | COMPONENT 4      |
|-----------------------------|-------------|-------------|-------------|------------------|
| Type of Packaging           | Label       | Tray        | Shrink Wrap | Outer Case Label |
| Material                    | Paper       | Paper       | LDPE        | Paper            |
| Recyclable?                 | No          | No          | Yes         | No               |

| TERTIARY PACKAGING DETAILS | COMPONENT 1      | COMPONENT 2      | COMPONENT 3  | COMPONENT 4 |
|----------------------------|------------------|------------------|--------------|-------------|
| Type of Packaging          | Blue Pallet Chop | Carton Layer Pad | Stretch Wrap | Top Foil    |
| Material                   | Wood             | Paper            | LDPE         | LDPE        |
| Recyclable?                | Yes              | Yes              | Yes          | Yes         |

| PALLETISATION DETAILS         |           |
|-------------------------------|-----------|
| Cases per Pallet Layer        | 39        |
| Layers per Pallet             | 7         |
| Pallet Dimensions (W x D) (m) | 1,2 x 1,0 |
| Overall Pallet Height (m)     | 1,355     |
| Gross Weight of Pallet (kg)   | 1051,48   |

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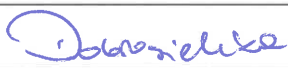
| SITE ACCREDITATION              | YES / NO (IF YES, STATE LEVEL/GRADE) |
|---------------------------------|--------------------------------------|
| BRC Global Food Safety Standard | Yes, Grade AA+                       |
| IFS Standard                    | No                                   |
| HACCP                           | Yes                                  |
| RSPO                            | Yes                                  |
| Other (e.g. ISO)                | No                                   |

## Supplier Declaration

AB World Foods Ltd. hereby warrants that the specified product shall conform to the nature, substance and quality parameters specified herein.

The specified product will conform to all relevant UK/EU legislation and, where applicable, other local legislation in any relevant market for which the product is originally intended.

**The information contained within this document is confidential, must not be communicated to third parties without the prior knowledge and approval of AB World Foods Ltd, and must not be altered.**

|                           |  |
|---------------------------|--|
| Specification agreement   |  |
| Customer agreement :      | Print name:  |
|                           | Sign :   |
|                           | Date:  |
| ABWF Technical agreement: | Print name:<br>Aleksandra Dobrosielska   |
|                           | Sign:  |
|                           | Date: 26.04.2018   |

|                      |                    |
|----------------------|--------------------|
| Document created by: | Aleksandra Misztal |
| Document date:       | 24.04.2018         |

Please return a signed and dated copy of this page to the relevant AB World Foods Ltd. Technical contact in acceptance of this document. Failure to do so within 28 day of receipt will be taken as agreement of this document's contents.