

# Product Specification

## Specificatie Produs

| Product & Supplier Information/Informatie Produs si Producator |                                                                                                                                                              |               |   |                                                  |                                |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---|--------------------------------------------------|--------------------------------|
| Product/Produs:                                                | Umbrela Syrah                                                                                                                                                |               |   | e number/Unit. masura                            | 75cl                           |
| Description/Descriere                                          | Still red wine                                                                                                                                               |               |   | Vintage/Recolta                                  | 2018                           |
| ABV % Vol                                                      | 12,5%                                                                                                                                                        | Units (750ml) | 1 | Units/Unitati (125ml)                            | 6                              |
| Country of Origin and Region<br>Tara de Origine si Regiunea    | Romania                                                                                                                                                      |               |   | Winemaker/<br>Vinificator                        | Hartley Smithers, Nora Iriarte |
| Inner Barcode/Cod Sticla                                       | 5942084503778                                                                                                                                                |               |   | Outer Barcode/Cod Ambalaj                        | 15942084503775                 |
| Bottle Code Format:<br>Formatul Lotului de Imbuteliere:        | Vintage/Recolta L: Last two digits of year bottled/ultimele 2 cifre din anul imbutelirii; day in year bottled/nr. zilei din an; time bottled/ora imbutelirii |               |   | Bottle Code Example:<br>Exemplu Lot Imbuteliere: | EX: 2013 L: 14170 09:45        |
| Site of Manufacture:<br>Adresa Producatorului                  | CrameleRecas<br>Cp1 Complex de Vinificatie,<br>Cod 307340,<br>Recas Jud Timis,Romania                                                                        |               |   |                                                  |                                |
| Site Accreditation:<br>Acreditari ale Companiei:               | BRC &<br>ISO 22000:2005                                                                                                                                      |               |   |                                                  |                                |

| Ingredients/Ingrediente                                                                                       |                                  |                           |                                      |
|---------------------------------------------------------------------------------------------------------------|----------------------------------|---------------------------|--------------------------------------|
| <i>Please state all raw materials that are in the end product e.g. grapes, sulphur dioxide, tartaric acid</i> |                                  |                           |                                      |
| <i>Ingrediente folosite in produsul finit ex: struguri, dioxid de sulf, acid tartaric</i>                     |                                  |                           |                                      |
| Ingredients/Ingrediente<br>For grapes please include %                                                        | Function<br>Rolul ingredientului | Supplier(s)<br>Producator | Country of Origin<br>Tara de origine |
| SY 85%, CS 5%, FN 8%, Alicante 2%                                                                             | Bulk and flavour                 | Estate Grown              | Romania                              |
| Sulphur dioxide                                                                                               | Preservative                     | Linde Romania             | Romania                              |
| Enzymes                                                                                                       | -                                | -                         | -                                    |
| Tartaric acid                                                                                                 | pH adjustment                    | Agrovin                   | Spain                                |
| Ascorbic Acid                                                                                                 | -                                | -                         | -                                    |
| Processing Aids/Aditivi folositi in vinificatie                                                               |                                  |                           |                                      |
| <i>e.g. yeast, yeast nutrients, fining agents, velcorin etc./ex: drojdii, nutrienti</i>                       |                                  |                           |                                      |
| Ingredients/Ingrediente                                                                                       | Function<br>Rolul ingredientului | Supplier(s)<br>Producator | Country of Origin<br>Tara de origine |
| Carbon                                                                                                        | -                                | -                         | -                                    |
| Perlite filter aid                                                                                            | -                                | -                         | -                                    |
| Colour Enzymes                                                                                                | Colour Extraction                | Laffort                   | France                               |
| Gelatine                                                                                                      | -                                | -                         | -                                    |
| Yeast                                                                                                         | Promote fermentation             | Laffort                   | France                               |
| Oak chips                                                                                                     | Oak flavour                      | Arobois                   | France                               |

| Viticulture and Vinification / Viticultura si Vinificatie                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Harvest – Recoltare                                                                                                                                                 | 90% machine harvest 10% hand harvest                                                                                                                                                                                                                                                                                                                                            |
| Fermentation/Fermentare – type of tank, length of fermentation in days, temperature, any skin contact, malolactic /cistern, durata fermentarii in zile, temperatura | Crushing and full destemming on all parcels, fermentation in stainless steel 40 to 50 tonne capacity, controlled yeast inoculation. Temperature 25-32degC, about 5-7days on skins with regular automated pumpovers. Pressed with some sugar still present. Ferment finishes off skins, centrifugation off gross lees as soon as dry followed by natural malolactic fermentation |
| Oak - Lees treatment / Maturare stejar,                                                                                                                             | No oak chips, no lees contact, no aging                                                                                                                                                                                                                                                                                                                                         |
| Fining – please confirm type of fining used e.g. none, gelatine, bentonite, isinglass, albumin, casein, PVP plus any others / Agenti finisare                       |                                                                                                                                                                                                                                                                                                                                                                                 |
| Other details / Alte detalii                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                 |

| Labelling Information / Informatii etichete |                  |          |
|---------------------------------------------|------------------|----------|
| Labelling/Eticheta:                         | Yes (✓) / No (✗) | Comments |
| Suitable for Vegans                         | ✓                |          |
| Suitable for Vegetarians                    | ✓                |          |
| Organic                                     | ✗                |          |
| Fairtrade                                   | ✗                |          |

# Product Specification

## Specificatie Produs

| Additive – Allergen Information / Informatii aditivi si alergeni                      |                                               |                                                            |                                   |
|---------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------------|-----------------------------------|
| This product contains/ Acest produs contine:<br>Yes/Da (✓) / No/Nu (✗)                | Recipe/Ingredientele<br>Folosite in acest Vin | Site-<br>Ingrediente<br>folosite in<br>cadrul<br>companiei | Comments/Comentarii               |
| Genetically Modified Organisms- Derivatives/Organisme<br>Modificate Genetic – Derivat | ✗                                             | ✗                                                          |                                   |
| Artificial Colours / Coloranti artificiali                                            | ✗                                             | ✗                                                          |                                   |
| Artificial Flavourings / Arome Artificiale                                            | ✗                                             | ✗                                                          |                                   |
| Flavour Enhancers / Arome adaugate(intalnite)                                         | ✗                                             | ✗                                                          |                                   |
| Preservatives / Conservanti                                                           | ✓                                             | ✓                                                          | Contains sulphur dioxide          |
| Artificial Sweeteners /Indulcitori Artificiali                                        | ✗                                             | ✗                                                          |                                   |
| Egg or egg products / Produse ce contin ou                                            | ✗                                             | ✗                                                          |                                   |
| Fish or fish products /Produse ce contin peste                                        | ✗                                             | ✗                                                          |                                   |
| Shellfish products / Produse ce contin crustacee                                      | ✗                                             | ✗                                                          |                                   |
| Milk or milk products / Produse ce contin lapte                                       | ✗                                             | ✗                                                          |                                   |
| Peanuts or products / Produse ce contin alune                                         | ✗                                             | ✗                                                          |                                   |
| Tree Nuts or products / Produse ce contin nuci                                        | ✗                                             | ✗                                                          |                                   |
| Sesame Seed or products / Produse ce contin susan                                     | ✗                                             | ✗                                                          |                                   |
| Celery / Celeriac or products/Produse ce contin Telina                                | ✗                                             | ✗                                                          |                                   |
| Mustard or products/Produse ce contin Mustar                                          | ✗                                             | ✗                                                          |                                   |
| Soyabeans or products/ Produse ce contin Soia                                         | ✗                                             | ✗                                                          |                                   |
| Sulphite (declare if > 10mg/kg) / Sulfiti                                             | ✓                                             | ✓                                                          | Contains sulphur dioxide >10mg/kg |
| Wheat or products / Produse ce contin Grau                                            | ✗                                             | ✗                                                          |                                   |
| Gluten or products / Produse ce contin Gluten                                         | ✗                                             | ✗                                                          |                                   |
| Lupin or products / Produse ce contin Lupin                                           | ✗                                             | ✗                                                          |                                   |

# Product Specification

## Specificatie Produs

| Finished Product Standards Pre & Post Bottling / |                                      |                                                                                                                                                       |                                                                                         |                          |
|--------------------------------------------------|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------------------------|
| Check                                            | Test Method                          | Frequency<br>(For example, 500ml tank sample prior to bottling, first bottle off the line post bottling and then one sample every hour of production) | Target/ Tolerance                                                                       | Retained Records Yes/ No |
| Quality Attributes (Organoleptic profile)        | Tasting                              | All stages of production and pre-bottling                                                                                                             | As approved sample/ previous approved production. Characteristic of varietal, no faults | Yes                      |
| Alcohol % Vol                                    | NIR                                  | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 13.0+/-0.5                                                                              | Yes                      |
| pH                                               | PH-glass electrode                   | Blending                                                                                                                                              | 3.5+/- 0.1                                                                              | Yes                      |
| Total Sulphur Dioxide mg/l                       | Asp-oxid                             | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | MAX.150                                                                                 | Yes                      |
| Free Sulphur Dioxide mg/l                        | Asp-oxid                             | Pre-bottling and 1 <sup>st</sup> packed bottle off line                                                                                               | 30+/-1 5                                                                                | Yes                      |
| Total Acidity g/l tartaric                       | Titration                            | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 5.5+/- 0.5                                                                              | Yes                      |
| Volatile Acidity g/l acetic                      | Enzymatic                            | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 0.24+/- 0.3                                                                             | Yes                      |
| Glucose+Fructose (g/l)                           | Enzymatic                            | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 0.5+/- 15%                                                                              | Yes                      |
| Dissolved Carbon dioxide ppm                     | Enzymatic                            | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 540-780                                                                                 | Yes                      |
| Dissolved oxygen ppm                             | Inflorescence quenching              | Pre-bottling and at bottling start up                                                                                                                 | <1.00                                                                                   | Yes                      |
| Cold stability                                   | Fridge -4degC 3 days                 | Pre-bottling                                                                                                                                          | Stable                                                                                  | Yes                      |
| Protein stability                                |                                      |                                                                                                                                                       |                                                                                         |                          |
| Microbial Loading                                | Plate count WORT=NPS 2days at 25degC | Post bottling 3 bottles                                                                                                                               | <50 cells per ml                                                                        | Yes                      |
| Closure quality/ opening                         | Torque meter                         | Hourly during bottling                                                                                                                                | Min 7lbs/ Max17lbs                                                                      | Yes                      |
| Label quality                                    | Micrometer visual inspection         | Hourly during bottling                                                                                                                                | Present, legible, correct                                                               | Yes                      |
| Code quality                                     | Visual inspection                    | Hourly during bottling                                                                                                                                | Present, legible, correct                                                               | Yes                      |
| Volume/ Weight check                             | Mass/density check                   | 20 bottles at start up/ new shift/ changeover. Fill distance checked every half hour of production.                                                   | Average shift volume = 750ml on half hourly tests                                       | Yes                      |

| Quality Attributes / Caracteristici de calitate                                        |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Appearance of Liquid/Culoare Lichidului, Limpiditate</b>                            | Clear, Dark red. No sediment                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Flavour / Arome</b><br>( Notes, acidity level, alcohol, tannins, sweetness, length) | Dry, crisp acidity, clean fruit. No taints/ faults                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Body / Corpolenta vinului</b>                                                       | Full bodied                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Packaging / Tipul de ambalare</b><br>(Type, materials, colour)                      | Bottle – Yioula Glassworks Eco 0.75l, Olive Green. No defects.<br>Closure – Fully sealed, capsule with white and gray on side and top.<br>Capsule opens cleanly and without excessive force.<br>Labels- Front and back labels centred and straight. Label details correct and legible.<br>No label damage, scuffing or staining.<br>Code – Clear, legible, correct. Positioned on the base of the back label in black ink |



# Product Specification

## Specificatie Produs

| Primary Packaging / Ambalare Primara |                                   |                                |           |                                                |                                                  |                                                                                      |                                                                          |
|--------------------------------------|-----------------------------------|--------------------------------|-----------|------------------------------------------------|--------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Description/<br>Descriere            | Dimensions<br>(mm)/<br>Dimensiuni | Approx.<br>Weight/<br>Greutate | Material  | Recycled<br>Content/<br>Continut<br>Reciclabil | Recyclable<br>(Yes/ No)<br>Reciclabil<br>(da/nu) | Approved for<br>contact with<br>food/<br>Arpobare pentru<br>contactul cu<br>mancarea | Supplier(s)<br>Country of<br>Origin/<br>Producator si tara<br>de origine |
| Bottle/<br>Sticla                    | Height x Diameter<br>290 x 78     | 350g                           | Glass     | 25%                                            | Yes                                              | Yes                                                                                  | Romania ,Stirom                                                          |
| Cork/<br>Dop                         | Not used                          |                                |           |                                                |                                                  |                                                                                      |                                                                          |
| Capsule/<br>Capsa                    | Height x Width<br>60 x 30         | 4.394g                         | Aluminium | 0%                                             | Yes                                              | Yes                                                                                  | Germany, Ohlinger                                                        |
| Front Label/<br>Eticheta             | Height x Width<br>79 x 120        | 0.8g                           | Paper     | 0%                                             | No                                               | N/A                                                                                  | Romania, IPPU                                                            |
| inaltime et<br>pana la baza          | 30                                |                                |           |                                                |                                                  |                                                                                      |                                                                          |
| Back Label/<br>Contra Eticheta       | Height x Width<br>80 x 80         | 0.8g                           | Paper     | 0%                                             | no                                               | N/A                                                                                  | Romania, IPPU                                                            |
| inaltime cont<br>et pana la baza     | 30                                |                                |           |                                                |                                                  |                                                                                      |                                                                          |

| Secondary Packaging / Ambalare Secundara |                                            |                                |           |                                                |                                                  |                                                                       |  |
|------------------------------------------|--------------------------------------------|--------------------------------|-----------|------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------|--|
| Description/<br>Descriere                | Dimensions (mm)/<br>Dimensiuni             | Approx.<br>Weight/<br>Greutate | Material  | Recycled<br>Content/<br>Continut<br>Reciclabil | Recyclable<br>(Yes/ No)<br>Reciclabil<br>(da/nu) | Supplier(s) Country of<br>Origin/<br>Producator si tara de<br>origine |  |
| Case/<br>Cutie                           | Length x Width x Height<br>242 x 163 x 290 | 140g                           | Cardboard | 60%                                            | Yes                                              | Romania, VPK                                                          |  |
| Tape, Glue/<br>Banda adeziva,<br>Lipici  | N/A                                        | 1.2g                           | PVC       | 50%                                            | Yes                                              | Romania, Bravia                                                       |  |

| Tertiary Packaging / Ambalare Tertiara |                                                 |                                |                  |                                                |                                                  |                                                                       |
|----------------------------------------|-------------------------------------------------|--------------------------------|------------------|------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------|
| Description/<br>Descriere              | Dimensions (mm)/<br>Dimensiuni                  | Approx.<br>Weight/<br>Greutate | Material         | Recycled<br>Content/<br>Continut<br>Reciclabil | Recyclable<br>(Yes/ No)<br>Reciclabil<br>(da/nu) | Supplier(s) Country of<br>Origin/<br>Producator si tara de<br>origine |
| Pallet/<br>Palet                       | Length x Width x Height<br>800 x 1200 x 200mm   | 22 kg                          | Wood             | 0%                                             | Yes                                              | Romania, Chep                                                         |
| Pallet Wrap/<br>Folie Palet            | Thickness<br>8µm                                | 450g                           | PVC Stretch Film | 0%                                             | Yes                                              | Romania, Bravia                                                       |
| Top sheet/<br>Folie Palet              | Length x Width x Thickness<br>80 x 120 x 0.5 cm | 595g                           | Polyurethane     | 50%                                            | yes                                              | Romania, Stirom                                                       |

# Product Specification

## Specificatie Produs

|                                          |          |
|------------------------------------------|----------|
| Dividers/<br>Despartitoare               | Not used |
| Cardboard Corners/<br>Coltari din carton | Not used |

| Pallet Configuration / Configurare Palet                                                           |                      |
|----------------------------------------------------------------------------------------------------|----------------------|
|                                                                                                    | Euro Pallet          |
| Single Unit Liquid Weight/ Greutate Neta per Sticla (Approx.)                                      | 748g                 |
| Single Unit Weight / Greutate Bruta per Sticla (Approx.)                                           | 1.10kg               |
| Case Weight / Greutate Bruta per Cutie(Approx.)                                                    | 6.8kg                |
| Units per Case / Sticle per Cutie                                                                  | 6                    |
| Layers per Pallet / Randuri per Palet                                                              | 5                    |
| Cases per Layer / Cutii per Rand                                                                   | 21                   |
| Total cases per pallet / Total cutii per Palet                                                     | 105                  |
| No. Units per pallet / Total Sticle per Palet                                                      | 630                  |
| Finished Pallet Dimensions / Dimensiunea Paletului cu Produse Incluse<br>(Length x Width x Height) | 800 x 1200 x 1700 mm |
| Finished Pallet Weight / Greutatea Paletului cu Produse Incluse<br>(Approx.)                       | 736 kg               |

| Supplier Declaration / Declaratia Producatorului |                                                 |                                                    |                              |                             |
|--------------------------------------------------|-------------------------------------------------|----------------------------------------------------|------------------------------|-----------------------------|
| Date / Data                                      | Supplier Signature/<br>Semnatura Producatorului | Supplier Print Name/<br>Numele<br>Reprezentantului | Position/<br>Pozitia ocupata | On behalf of/<br>Indrumator |
| 23/01/2019                                       |                                                 | Philip Cox                                         | Comercial director           | Philip Cox                  |