

# Product Specification

## Specificatie Produs

| Product & Supplier Information/Informatie Produs si Producator |                                                                                                                                                                |               |   |                                                  |                                |
|----------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---|--------------------------------------------------|--------------------------------|
| Product/Produs:                                                | Natural KR Cork                                                                                                                                                |               |   | e number/Unit. masura                            | 75cl                           |
| Description/Descriere                                          | Still white wine                                                                                                                                               |               |   | Vintage/Recolta                                  | 2020                           |
| 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                                       | 5942084507707                                                                                                                                                  |               |   | Outer Barcode/Cod Ambalaj                        | 15942084507704                 |
| Bottle Code Format:<br>Formatul Lotului de Imbuteliere:        | Vintage/Recolta L: Last two digits of year bottled/ultimele 2 cifre din anul imbutelierii; day in year bottled/nr. zilei din an; time bottled/ora imbutelierii |               |   | 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 |
| RI 34.2% - MO 24.7% - SB 19.5% - TRA 15.3% - PG 6.4%                                                          | Bulk and flavour                 | Estate Grown              | Romania                              |
| Sulphur dioxide                                                                                               | Preservative                     | Linde Romania             | Romania                              |
| Enzymes                                                                                                       | -                                | -                         | -                                    |
| Tartaric acid                                                                                                 | -                                | -                         | -                                    |
| 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                                                                                            | -                                | -                         | -                                    |
| Bentonite                                                                                                     | Fining Agent                     | Vulcascott                | Austria                              |
| Gelatine                                                                                                      | -                                | -                         | -                                    |
| Yeast                                                                                                         | -                                | -                         | -                                    |
| French Oak barrel                                                                                             | -                                | -                         | -                                    |

| 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 | Grapes were crushed to a fermentation tank with no yeast or other additions. They were left to ferment with their own yeast on skins for 14 days. Only very light mixing was employed once per day. When the wine was dry, it was drained from the skins with no pressing involved. Full malo lactic was allowed to proceed and the wine given a very light dose of SO2 |
| Oak - Lees treatment / Maturare stejar,                                                                                                                             | American 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                       | Bentonite.                                                                                                                                                                                                                                                                                                                                                              |
| Other details / Alte detalii                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                         |

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

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| 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 Modificate Genetic – Derivat | ✗                                             | ✗                                                          |                                   |
| Artificial Colours / Coloranti artificiali                                         | ✗                                             | ✗                                                          |                                   |
| Artificial Flavours / 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                                        | ✗                                             | ✗                                                          |                                   |

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| 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                                                                                                 | 12.5+/- 0.5                                                                             | Yes                      |
| pH                                               | pH-glass electrode                      | Blending                                                                                                                                              | 3.35+/- 0.1                                                                             | Yes                      |
| Total Sulphur Dioxide mg/l                       | Asp-oxid                                | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | Max. 60                                                                                 | Yes                      |
| Free Sulphur Dioxide mg/l                        | Asp-oxid                                | Pre-bottling and 1 <sup>st</sup> packed bottle off line                                                                                               | -                                                                                       | Yes                      |
| Total Acidity g/l tartaric                       | Titration                               | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 4.0+/- 0.5                                                                              | Yes                      |
| Volatile Acidity g/l acetic                      | Enzymatic                               | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 0.2+/- 0.3                                                                              | Yes                      |
| Glucose+Fructose (g/l)                           | Enzymatic                               | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 0.2+/- 15%                                                                              | Yes                      |
| Dissolved Carbon dioxide ppm                     | Inflorescence quenching                 | Pre-bottling & 1 <sup>st</sup> packed bottle off line                                                                                                 | 1200-1500                                                                               | 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                                | 80deg4hr turbidity                      | Pre-bottling                                                                                                                                          | Stable                                                                                  | Yes                      |
| Microbial Loading                                | Plate count Wurze=NKS 2days at 25degC - | Post bottling                                                                                                                                         | <20 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. No sediment                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Flavour / Arome</b><br>( Notes, acidity level, alcohol, tannins, sweetness, length) | Dry, clean fruit. No taints/ faults                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Body / Corpolenta vinului</b>                                                       | Light bodied                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Packaging / Tipul de ambalare</b><br>(Type, materials, colour)                      | Bottle – Yioula Glassworks Eco 0.75l. No defects.<br>Closure – Fully sealed, capsule with orange and gold 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 |

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| 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>Produsator si tara<br>de origine |
| Bottle/<br>Sticla                    | Height x Diameter<br>296x78,5     | 420g                           | Glass    | 25%                                            | Yes                                              | Yes                                                                                  | Romania ,Stirom                                                          |
| Capsule/<br>Capsa                    | Height x Diameter<br>60 X 31      | 2 g                            | PVC      | 0%                                             | Yes                                              | Yes                                                                                  | Proper capsule ,<br>Romania                                              |
| Cork/<br>Dop                         | Height x Width<br>38 x 24.5       | 3.67g                          | Pluta    | 0%                                             | Yes                                              | Yes                                                                                  | Germany,<br>Ohlinger                                                     |
| Front Label/<br>Eticheta             | Height x Width<br>90 x 95         | 0.8g                           | Paper    | 0%                                             | No                                               | N/A                                                                                  | Romania, IPPU<br>Grafoprint                                              |
| inaltime pana<br>la baza et          | 35                                |                                |          |                                                |                                                  |                                                                                      |                                                                          |
| Back Label/<br>Contra Eticheta       | Height x Width<br>86 x 90         | 0.8g                           | Paper    | 0%                                             | no                                               | N/A                                                                                  | Romania, IPPU                                                            |
| inaltime pana<br>la baza cet         | 15                                |                                |          |                                                |                                                  |                                                                                      |                                                                          |

| 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>Produsator si tara de<br>origine |
| Case/<br>Cutie                           | Length x Width x Height<br>326x242x300 | 440g                           | 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>Produsator si tara de<br>origine |
| Pallet/<br>Palet                       | Length x Width x Height<br>1000 x 1200 x 200mm   | 27 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>100 x 120 x 0.5 cm | 595g                           | Polyurethane     | 50%                                            | yes                                              | Romania, Stirom                                                       |

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

| Pallet Configuration / Configurare Palet                                                           |                       |
|----------------------------------------------------------------------------------------------------|-----------------------|
|                                                                                                    | Standard Pallet       |
| Single Unit Liquid Weight/ Greutate Neta per Sticla (Approx.)                                      | 748g                  |
| Single Unit Weight / Greutate Bruta per Sticla (Approx.)                                           | 1..23kg               |
| Case Weight / Greutate Bruta per Cutie(Approx.)                                                    | 15.2 kg               |
| Units per Case / Sticle per Cutie                                                                  | 12                    |
| Layers per Pallet / Randuri per Palet                                                              | 5                     |
| Cases per Layer / Cutii per Rand                                                                   | 14                    |
| Total cases per pallet / Total cutii per Palet                                                     | 70                    |
| No. Units per pallet / Total Sticle per Palet                                                      | 840                   |
| Finished Pallet Dimensions / Dimensiunea Paletului cu Produse Incluse<br>(Length x Width x Height) | 1000 x 1200 x 1700 mm |
| Finished Pallet Weight / Greutatea Paletului cu Produse Incluse<br>(Approx.)                       | 1091 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 |
| 30/03/2021                                       |                                                 | Philip Cox                                         | Comercial director           | Philip Cox                  |