



# Product Specification

## Specificatie Produs

Product & Supplier Information/Informatie Produs si Producator					
<b>Product/Produs:</b>	Nonius Feteasca Neagra - Syrah			<b>e number/Unit. masura</b>	75cl
<b>Description/Descriere</b>	Still red wine			<b>Vintage/Recolta</b>	2019
<b>ABV % Vol</b>	13.5%	<b>Units (750ml)</b>	1	<b>Units/Unitati (125ml)</b>	6
<b>Country of Origin and Region Tara de Origine si Regiunea</b>	Romania		<b>Winemaker/ Vinificator</b>	Hartley Smithers, Nora Iriarte	
<b>Inner Barcode/Cod Sticla</b>	5942084506144		<b>Outer Barcode/Cod Ambalaj</b>	15942084506141	
<b>Bottle Code Format: Formatul Lotului de Imbuteliere:</b>	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		<b>Bottle Code Example: Exemplu Lot Imbuteliere:</b>	EX: 2013 L: 14170 09:45	
<b>Site of Manufacture: Adresa Producatorului</b>	CrameleRecas Cp1 Complex de Vinificatie, Cod 307340, Recas Jud Timis,Romania				
<b>Site Accreditation: Acreditari ale Companiei:</b>	BRC & 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>			
<b>Ingredients/Ingrediente For grapes please include %</b>	<b>Function Rolul ingredientului</b>	<b>Supplier(s) Producator</b>	<b>Country of Origin Tara de origine</b>
FN 60.56%, SY 39.44%	Bulk and flavour	Estate Grown	Romania
Sulphur dioxide	Preservative	Linde Romania	Romania
Colour Enzyme	-	-	-
Tartaric acid	pH adjustment	Agrovin	Spania
Ascorbic Acid	-	-	-
<b>Processing Aids/Aditivi folositi in vinificatie</b>			
<i>e.g. yeast, yeast nutrients, fining agents, velcorin etc./ex: drojdii, nutrienti</i>			
<b>Ingredients/Ingrediente</b>	<b>Function Rolul Ingredientului</b>	<b>Supplier(s) Producator</b>	<b>Country of Origin Tara de origine</b>
Carbon	-	-	-
Perlite filter aid	-	-	-
Bentonite	-	-	-
Gelatine	-	-	-
Yeast	Promote fermentation	Lallemand	Canada
Oak chips	-	-	-

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 25-32°C, 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, 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	NONE
Other details / Alte detalii	

Labelling Information / Informatii etichete		
<b>Labelling/Eticheta:</b>	<b>Yes (✓) / No (✗)</b>	<b>Comments</b>
Suitable for Vegans	✓	
Suitable for Vegetarians	✓	
Organic	✗	

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Additive – Allergen Information / Informatii aditivi si alergeni			
This product contains/ Acest produs contine: Yes/Da (✓) / No/Nu (✗)	Recipe/Ingredientele Folosite in acest Vin	Site- Ingrediente folosite in cadrul companiei	Comments/Comentarii
Genetically Modified Organisms- Derivatives/Organisme 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	✗	✗	



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Finished Product Standards Pre & Post Bottling /				
Check	Test Method	Frequency <i>(For example, 500ml tank sample prior to bottling, first bottle off the line post bottling and then one sample every hour of production)</i>	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	13.5+/-0.5	Yes
pH	PH-glass electrode	Blending	3.6+/- 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+/-15	Yes
Total Acidity g/l tartaric	Tirtration	Pre-bottling & 1 <sup>st</sup> packed bottle off line	5.4+/- 0.5	Yes
Volatile Acidity g/l acetic	Enzymatic	Pre-bottling & 1 <sup>st</sup> packed bottle off line	0.3+/- 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	Inflorescence quenching	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. No sediment. Dark red
<b>Flavour / Arome</b> <i>( Notes, acidity level, alcohol, tannins, sweetness, length)</i>	Dry, crisp acidity, clean fruit. No taints/ faults
<b>Body / Corpolenta vinului</b>	Full bodied
<b>Packaging / Tipul de ambalare</b> <i>(Type, materials, colour)</i>	Bottle – Yioula Glassworks Eco 0.75l. No defects. Closure – Fully sealed, capsule with gold and black on side and top. Capsule opens cleanly and without excessive force. Labels- Front and back labels centred and straight. Label details correct and legible. No label damage, scuffing or staining. Code – Clear, legible, correct. Positioned on the base of the back label in black ink



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Primary Packaging / Ambalare Primara							
Description/ Descriere	Dimensions (mm)/ Dimensiuni	Approx. Weight/ Greutate	Material	Recycled Content/ Continut Reciclabil	Recyclable (Yes/ No) Reciclabil (da/nu)	Approved for contact with food/ Arpobare pentru contactul cu mancarea	Supplier(s) Country of Origin/ Producator si tara de origine
Bottle/ Sticla	Height x Diameter 308 x 74,6	440g	Glass	25%	Yes	Yes	Romania ,Stirom
Cork/ Dop							
Capsule/ Capsa	Height x Width 60 x 30	4.394g	Aluminium	0%	Yes	Yes	Germany, Ohlinger
Front Label/ Eticheta	Height x Width 116 x 90	0.8g	Paper	0%	No	N/A	Romania, IPPU
inaltime de la baza eticheta	50						
Back Label/ Contra Eticheta	Height x Width 116 x 59.5	0.8g	Paper	0%	no	N/A	Romania, IPPU
inaltime de la baza contra eticheta	50						

Secondary Packaging / Ambalare Secundara							
Description/ Descriere	Dimensions (mm)/ Dimensiuni	Approx. Weight/ Greutate	Material	Recycled Content/ Continut Reciclabil	Recyclable (Yes/ No) Reciclabil (da/nu)	Supplier(s) Country of Origin/ Producator si tara de origine	
Case/ Cutie	Length x Width x Height 227 x 152 x 310	165g	Cardboard	60%	Yes	Romania, VPK	
Tape, Glue/ Banda adeziva, Lipici	N/A	1.2g	PVC	50%	Yes	Romania, Bravia	

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

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Top sheet/	Length x Width x Thickness 100 x 120 x 0.5 cm	595g	Polyurethane	50%	yes	Romania, Stiom
Dividers/ Despartitoare	Not used					
Cardboard Corners/ Coltari din carton	Not used					

<b>Pallet Configuration / Configurare Palet</b>	
	Standard Pallet
<b>Single Unit Liquid Weight/ Greutate Neta per Sticla (Approx.)</b>	748g
<b>Single Unit Weight / Greutate Bruta per Sticla (Approx.)</b>	1.19kg
<b>Case Weight / Greutate Bruta per Cutie(Approx.)</b>	7.5kg
<b>Units per Case / Sticle per Cutie</b>	6
<b>Layers per Pallet / Randuri per Palet</b>	5
<b>Cases per Layer / Cutii per Rand</b>	25
<b>Total cases per pallet / Total cutii per Palet</b>	125
<b>No. Units per pallet / Total Sticle per Palet</b>	750
<b>Finished Pallet Dimensions / Dimensiunea Paletului cu Produse Incluse (Length x Width x Height)</b>	800 x 1200 x 1700 mm
<b>Finished Pallet Weight / Greutatea Paletului cu Produse Incluse (Approx.)</b>	960 kg

<b>Supplier Declaration / Declaratia Producatorului</b>				
Date / Data	Supplier Signature/ Semnatura Producatorului	Supplier Print Name/ Numele Reprezentantului	Position/ Pozitia ocupata	On behalf of/ Indrumator
29/01/2020		Philip Cox	Comercial director	Philip Cox