



Product Specification

Specificatie Produs

Product & Supplier Information/Informatie Produs si Producator					
Product/Produs:	ZWOLFENDER			e number/Unit. masura	75cl
Description/Descriere	Still red wine			Vintage/Recolta	2021
ABV % Vol	13.5%	Units (750ml)	1	Units/Unitati (125ml)	6
Country of Origin and Region Tara de Origine si Regiunea	Romania			Winemaker/ Vinificator	Hartley Smithers, Nora Iriarte
Inner Barcode/Cod Sticla	4061459326024			Outer Barcode/Cod Ambalaj	4061459325980
Bottle Code Format: 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: Exemplu Lot Imbuteliere:	EX: 2013 L: 14170 09:45
Site of Manufacture: Adresa Producatorului	CrameleRecas Cp1 Complex de Vinificatie, Cod 307340, Recas Jud Timis,Romania				
Site Accreditation: Acreditari ale Companiei:	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>			
Ingredients/Ingrediente For grapes please include %	Function Rolul ingredientului	Supplier(s) Producator	Country of Origin Tara de origine
63.69% MR - 23.18% CS - 12.11% FN - 0.59% CS - 0.43% PN	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 Rolul Ingredientului	Supplier(s) Producator	Country of Origin Tara de origine
Carbon	-	-	-
Colour Enzyme	Colour Extraction	Martin Vialatte	France
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 25-32degC, about 5-7days on skins with gentle pumpovers. Pressed with some sugar still present for soft tannins. Ferment finishes off skins, racked off gross lees as soon as dry followed by natural malolactic fermentation
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	none
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: 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 (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 & packed bottle off line	13.5+/-0.5	Yes
pH	pH-glass electrode	Pre-bottling & packed bottle off line	3.40+/- 0.1	Yes
Total Sulphur Dioxide mg/l	Asp-oxid	Pre-bottling & packed bottle off line	MAX.150	Yes
Free Sulphur Dioxide mg/l	Asp-oxid	Pre-bottling & packed bottle off line	40+/-15	Yes
Total Acidity g/l tartaric	Titration	Pre-bottling & packed bottle off line	5.5+/- 0.5	Yes
Volatile Acidity g/l acetic	Enzymatic	Pre-bottling & packed bottle off line	0.3+/- 0.3	Yes
Glucose+Fructose (g/l)	Enzymatic	Pre-bottling & packed bottle off line	7.5+/- 15%	Yes
Dissolved Carbon dioxide ppm	Inflorescence quenching	Pre-bottling & packed bottle off line	540-780	Yes
Dissolved oxygen ppm	Inflorescence quenching	Pre-bottling & packed bottle off line	<1.00	Yes
Cold stability	Fridge -4degC 3 days	Pre-bottling	Stable	Yes
Protein stability	80deg4hr turbidity			
Microbial Loading	Plate count Wurze NKS 2days at 25degC	Post bottling	<20 cells per 100ml	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	
Appearance of Liquid/Culoare Lichidului, Limpiditate	Clear. No sediment. Dark red
Flavour / Arome (Notes, acidity level, alcohol, tannins, sweetness, length)	Dry, clean fruit. No taints/ faults
Body / Corpolenta vinului	Full bodied
Packaging / Tipul de ambalare (Type, materials, colour)	Bottle – Yioula Glassworks Eco 0.75l. No defects. Closure – Fully sealed, capsule with black and gray 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/ Produsator si tara de origine
Bottle/ Sticla	Height x Diameter 315 x 78.5	750g	Glass	25%	Yes	Yes	Romania ,Stirom
Cork/ Dop Pluta	Height x Width 44 x 24	4.8 g	pluta	0%	Yes	Yes	Diam - Franta
Capsule/ Capsa	Height x Width 60 x 32/30	2.2g	polilaminata	0%	Yes	Yes	Intercap , Italia
Front Label/ Eticheta	Height x Width 119x 80	0.8g	Paper	0%	No	N/A	Romania, Grafoprint
Inaltime pana la baza et	62						
Back Label/ Contra Eticheta	Height x Width 90 x 75	0.8g	Paper	0%	no	N/A	Romania, Grafoprint
inaltime pana la baza cet	72						

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/ Produsator si tara de origine
Case/ Cutie	Length x Width x Height 242 x 163 x 326	175g	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/ Produsator si tara de origine
Pallet/ Palet	Length x Width x Height 800 x 1200 x 200mm	22 kg	Wood	0%	Yes	Romania, TIMPALET
Pallet Wrap/ Folie Palet	Thickness 17µm	450g	PVC Stretch Film	0%	Yes	Romania, Bravia
Top sheet/ Folie Palet	Length x Width x Thickness 80 x 120 x 0.5 cm	595g	Polyurethane	50%	yes	Romania, Stirom

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Dividers/ Despartitoare	Not used
Cardboard Corners/ 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.)	1.52kg
Case Weight / Greutate Bruta per Cutie(Approx.)	9,1 kg
Units per Case / Sticle per Cutie	6
Layers per Pallet / Randuri per Palet	4
Cases per Layer / Cutii per Rand	25
Total cases per pallet / Total cutii per Palet	100
No. Units per pallet / Total Sticle per Palet	600
Finished Pallet Dimensions / Dimensiunea Paletului cu Produse Incluse (Length x Width x Height)	800 x 1200 x 1520 mm
Finished Pallet Weight / Greutatea Paletului cu Produse Incluse (Approx.)	933 kg

Supplier Declaration / Declaratia Producatorului				
Date / Data	Supplier Signature/ Semnatura Producatorului	Supplier Print Name/ Numele Reprezentantului	Position/ Pozitia ocupata	On behalf of/ Indrumator
05/04/2023		Philip Cox	Comercial director	Philip Cox