

ANALYSIS FOR EXPORT WINE

Sample: 5639	Code: AV-5639	Origin: Valle Maule
Product: Vino Tinto -----		Vintage: 2010
Grapevine: Cabernet sauvignon/carignan/pais/merlot/ carmenere/zinfandel 42/20/10/7/16/5		Liters: 10100
Packed in: Bottles 0.75 lt.		
Sampling Record Number: AV-1198		Date: 13/01/2012
Country of destination: BOLETIN BASE		
Export Company Or Owner: Agrícola Cuvelier Limitada		
Date of reception at Laboratory: 13/01/2012	Dir.Bodega: Alberto Rizopatron 2713	

Sensory Analysis

Colour: _____	Transparency: _____
Odor: _____	Taste: _____
Qualification: _____	

Physical and Chemical Analysis

8 Density (20/20)			0.9914
9 Density of residue without alcohol			
10 Alcohol Content (20/20)			14.3 % Vol.
11 Total Dry Extract			25.50 g / lt.
Reduced Dry Extract			23.31 g / lt.
12 Reducing Sugars (expressed as dextrose)			3.19 g / lt.
13 Sucrose			Not Detected
14 Ash			g / lt.
15 Alkalinity of the Ash (expressed as K2CO3)			g / lt.
16 Potassium (expressed as C4H5O6K)			g / lt.
17 Total Acidity (expressed as H2SO4)	73.5 meq/l		3.60 g / lt.
18 Volatile Acidity (expressed as C4H6O6)	12.3 meq/l		0.74 g / lt.
19 Fixed Acidity (expressed as H2SO4)	59.0 meq/l		2.89 g / lt.
Total Acidity (expressed as C4H6O6)			5.51 g / lt.
20 pH			3.62
21 Tartaric Acidity (expressed as C4H5O6K)			g / lt.
22 Lactic Acidity			g / lt.
23 Citric Acidity			g / lt.
24 Sulphates (expressed as K2SO4)			0.54 g / lt.
25 Chlorides (expressed as NaCl)			0.06 g / lt.
26 Free Sulphur Dioxide			0.009 g / lt.
27 Total Sulphur Dioxide			0.040 g / lt.
28 Foreign Colouring Matter			Negativo
Hybrids			Negativo
Potassium Ferrocyanide			Negativo
Alcohol-Extract Ratio			4.9
Alcohol-Acid Sum			17.90
Sorbic Acid			0.001g/lt
Benzoate Sodium			Not Detected
Total Alcohol Content (% vol at 20°C)			14.43
Methanol	g / lt.	Co2 Pressure	atm
Glycerol	g / lt.	Ascorbic Acid	mg / l
Copper	mg / l.	Kcal / 100 ml	
Iron	mg / l.	Colour O.I.V.	

Observations:

Code: _____ Lot: _____

Expiration of the bulletin: **16/01/2013**

Qualification: APTO PARA EXPORTACION

Validity of the bulletin: Valid analysis only for the data indicated in this bulletin

Order:

Note:



CRISTIAN OLIVARES SALINAS
QUIMICO



DANILO DANERI S.
ING. AGR. ENÓLOGO

Santiago, 16 de Enero de 2012

Note: Any amendment will annul this document.