

**TEST REPORT No P – 968/03.11.2021**

1. Wine with protected geographical indication from Thracian Lowlands „Enira Reserve“/Merlot & Syrah & Petit Verdot & Cabernet Sauvignon/, red dry – vintage 2017, batch № 315, amount 25 700 l
2. Test applicant: „Bessa Valley Winery“ Ltd – Ognyanovo village
3. Test sample: 3 bottles of 0,75 l taken and provided by Test applicant, Sampling report No. 11/29.10.2021
4. Sample reception date: 29.10.2021
5. Test performance date: 01.11. - 02.11.2021
6. Source of the testing methods: Compendium of International Methods of Analysis of Wines and Musts, International Organization of Vine and Wine current publication (OIV) ([www.oiv.int](http://www.oiv.int))
7. Test results:

No.	Characteristic name	Characteristic unit	Sample No Input-Output register	Method (standard, validated internal laboratory)	Test result Uncertainty (U)	*Characteristic value and tolerance	Ambient conditions
1	2	3	4	5	6	7	8
1	Specific gravity at 20°C	-	968	OIV - MA-AS2-01A, p. 5: R2012	0,9938 ± 0,0001	-	(20 ± 2)°C
2	Alcohol content: - alcoholic strength - total alcoholic strength	Vol. %	968	OIV - MA-AS312-01A, p. 4B: R2016	14,55 ± 0,15 14,72 ± 0,15	Over 10,00 * Up to 20,00 **	(20 ± 2)°C
3	Total dry and sugar- free extract - total dry extract - sugar free extract	g/l	968	OIV - MA-AS2-03B: R2012	32,6 ± 0,4 29,7 ± 0,4	- Over 20,0 *	(20 ± 2)°C
4	Reducing sugars	g/l	968	OIV - MA-AS311-01A: R2009	2,9 ± 0,1	Up to 4,0 (9,0) *	(20 ± 2)°C
5	Total acidity /as tartaric acid/	g/l	968	OIV - MA-AS313-01: R2015	5,42 ± 0,09	Over 4,00 *	(20 ± 2)°C
6	Volatile acidity /as acetic acid/	g/l	968	OIV - MA-AS313-02: R2015	0,59 ± 0,03	Up to 0,90 *	(20 ± 2)°C
7	Sulphur dioxide: - total sulphur dioxide - free sulphur dioxide	mg/l	968	OIV-MA-AS323-04A2:R2018 OIV-MA-AS323-04A1:R2018	108 ± 3 34 ± 2	Up to 150 * -	(20 ± 2)°C
8	pH	-	968	OIV - MA-AS313-15: R2011	3,41 ± 0,04	-	(20 ± 2)°C
9	Citric acid	mg/l	968	OIV - MA-AS313-04: R2009	44 ± 2	Up to 1000 **	(20 ± 2)°C
10	Cyanide Derivatives	µg/l	968	OIV - MA-AS315-06: R2009	Under 8	-	(20 ± 2)°C
11	Sorbic acid	mg/l	968	OIV - MA-AS313-14A: R2009	Under 20	Up to 200 **	(20 ± 2)°C

\* PGI/PDO/Variety Wine Specifications /National Legislation \*\* Regulation (EU) № 934/2019

The reported uncertainty (U) is expanded measurement uncertainty stated as the combined standard uncertainty multiplied by the coverage factor k = 2 such that the coverage probability corresponds to approximately 95%. The uncertainty arising from sampling is not included in the expanded measurement uncertainty.

Testing staff:

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Authorizing the report, Head of Testing Laboratory



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The test results relate only to the tested sample. Laboratory is not responsible for data and information provided by the test applicant that may affect the validity of the results. This test report is valid only in its integrity, signed by the head of the laboratory and stamped on each page. Date of the report: 03.11.2021