

TEST REPORT No P – 680/08.07.2022

1. Wine with protected geographical indication from Thracian Lowlands „Red wine Enira”/Merlot & Syrah & Petit Verdot/, dry – vintage 2018, batch No. 349, amount 106 000 l
2. Test applicant: „Bessa Valley Winery“ Ltd – Ogyanovo village, Request/05.07.2022
3. Test sample: 3 bottles of 0.75 l taken and provided by Test applicant. Sampling report No. 05/05.07.2022
4. Sample reception date: 06.07.2022
5. Test performance date: 07.07. – 08.07.2022
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)
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	-	680	OIV - MA-AS2-01: R2021, Method B	0,9935 ± 0,0001	-	(20 ± 2)°C
2	Alcohol content: - actual alcoholic strength - total alcoholic strength	Vol. %	680	OIV - MA-AS312-01: R2021, Method B	14,45 ± 0,15 14,63 ± 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	680	OIV - MA-AS2-03B: R2012	31,5 ± 0,4 28,5 ± 0,3	- -	(20 ± 2)°C
4	Reducing sugars	g/l	680	OIV - MA-AS311-01A: R2009	3,0 ± 0,1	Up to 4,0 (9,0) *	(20 ± 2)°C
5	Total acidity /as tartaric acid/	g/l	680	OIV - MA-AS313-01: R2015	5,11 ± 0,08	Over 4,00 *	(20 ± 2)°C
6	Volatile acidity /as acetic acid/	g/l	680	OIV - MA-AS313-02: R2015	0,56 ± 0,03	Up to 0,90 *	(20 ± 2)°C
7	Sulphur dioxide: - total sulphur dioxide - free sulphur dioxide	mg/l	680	OIV-MA-AS323-04A2:R2021 OIV-MA-AS323-04A1:R2021	80 ± 2 19 ± 1	Up to 150 * -	(20 ± 2)°C
8	pH	-	680	OIV - MA-AS313-15: R2011	3,43 ± 0,04	-	(20 ± 2)°C
9	Citric acid	mg/l	680	OIV - MA-AS313-04: R2009	21 ± 1	Up to 1000 **	(20 ± 2)°C
10	Cyanide Derivatives	µg/l	680	OIV - MA-AS315-06: R2009	Under 8	-	(20 ± 2)°C
11	Sorbic acid	mg/l	680	OIV - MA-AS313-14A: R2009	Under 20	Up to 200 **	(20 ± 2)°C

* PGI/PDO/Variety Wine Specifications /National Legislation ** Commission Delegated Regulation (EU) 2019/934

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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