Protocol N 304-230-597 01.05.2024

Name of sample- Rose sparkling wine extra brute “A Bouquet of Kartli”

Lt N L40070000007;

Year of harvesting: 2023 Date of bottling. 02.05. 2023

Producer: “e-modern technology solutions” e-mts.com 16 Chonkadze Street 0107, Tbilisi, Georgia

Dates of Analyses: 26.04.2024- 01.05.2024

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| Name and unit of the test indicator | The value of the test indicator | | Method of testing |
| Factual | Resolution of the Government of Georgia N 524 06.11.18 |
| 1. Density d20/20 | 0.9924 | - | ГОСТ 32081-2013 |
| 2. Actual volume and alcohol content, % (vol) | 11.6 | ≥ 10.0 | ГОСТ 32095-2013 |
| 3. volume and alcohol content, % (vol) | 11.73 | -- | (OIV) MA-AS312-01 |
| 4. Sugar m/k g/dm3 | 2,2 | ≤6.0 | ГОСТ 32000-2012 |
| 5.Total Extract m/k g/dm3 | 20,01 | - | ГОСТ 32000-2012 |
| 6. Reduced extract m/k g/dm3 | 17,9 | ≥ 16.0 | ГОСТ 32000-2012 |
| 7. Titric acids m/k wine acid g/ dm3 | 5.4 | ≥ 4.5 | ГОСТ32000-2013 |
| 8. Volatile acids Acetic acid | 0.33 | ≤1.1 | ГОСТ 13193-73 |
| 9. Citric acid m/k g/dm3 | 0,19 | ≤1.0 | (OIV) MA-AS 313-04 |
| 10 Total sulfuric acid m/k g/dm3 | 18 | ≤235.0 | ГОСТ32115-2013 |
| 11. Free sulfuric acid | 8 | ≤30.0 | ГОСТ32115-2013 |
| 12. Malvini diglycoside m/k g/dm3 | <1.35 | ≤15.0 | Validated method (OIV) MA-AS 315-11 |
| 13. Carbon dioxide pressure, bar not less | - | 3 | ГОСТ 12258-79 |
| 14. The sum of juniper lactic acid The sum of juniper lactic acid m/k sum g/dm3 | - | ≥ 2.0 | (OIV) MA-AS 313-04 |
| 15. Iron m/k mg/dm3 | 3 | ≤10.0 | ГОСТ 13195-73 |
| 16.Copper | <0,1 | ≤2.0 | ГОСТ 13195-73 |
| **17. Toxical Elements m/k 2.3.2.000-00 p 6.8.4** | | | |
| Led m/g, mg/kg | <0,05 | ≤0.3 | ГОСТ 30178-96 |
| Cadmium m/g, mg/kg | <0,015 | ≤0.03 | ГОСТ 30178-96 |
| Arsenic | <0,01 | ≤0.2 | ГОСТ 31707-2012 |
| Mercury | <0,003 | ≤0.005 | MAL 13806: 2002;2013 |
| Specific activity of radionuclides | | | |
| Cesium- 137 | <6 | ≤70 | MIT meaning 1181-2011 |
| Stroncium-90 | <14 | ≤100 | MIT meaning 1181-2011 |
| Microtoxinen m/k Resolution N 567 | | | |
| Ochratoxin A | - | ≤2.0 | A validated method  (OIV) MA-AS 315-10 |