**Specification of wine with Protected Designation of Origin (PDO) “Черномоски Район”("Black Sea Region") - Traditional Denomination - Гарантирано наименование за произход (ГНП), Guaranteed Designation of Origin (GDO)**

1. Wine with PDO, Traditional Denomination - Guaranteed Designation of Origin "Black Sea Region".
2. The wine is produced according to the traditional technology for the production of white and red wines. Ageing in oak barrels is allowed for the varieties suitable for ageing. A wine with the PDO 'Black Sea region' may bear the following traditional designations indicating its method of production, ageing and quality: 'New', 'Premium oak' or 'First cask fill', 'Reserve', 'Special reserve', 'Special selection', 'Collection', 'Rosenthaler'.

(a) A wine with the PDO "Black Sea region" shall have the following analytical characteristics:

* actual alcohol content:
  + for white wines, rosé and Pamid wines - minimum 10,5 vol. %;
  + for red wines - minimum 11,5 vol. %;
* total sugar content of up to 4 g/l or up to 9 g/l, provided that the total acidity, expressed in grams of tartaric acid per litre, is not more than 2 grams below the residual sugar content;
* total acidity, such as tartaric acid - minimum 4 g/l;
* volatile acidity, such as acetic acid:
  + for white wines and rosé - not more than 13.3 meq;
  + for red wines - not more than 15 meq;
* total sulphur dioxide:
  + for white wines and rosé, not more than 200 mg/l;
  + for red wines, not more than 150 mg/l;
* sugar-free extract:

- for white wines and rosé - minimum 16 g/l;

- for red wines - minimum 20 g/l.

b) Organoleptic characteristic of wine with PDO "Black Sea region":

* Clarity - a clear liquid, a slight sediment of dye matter resulting from prolonged bottle ageing is allowed;
* Colour:
  + for white wines:

Rkatsiteli - light straw with greenish tints;

Chardonnay - straw yellow with golden hues;

Muscat Ottonel - pale golden with green tints;

Dimayt - light golden;

Traminer - straw yellow with green tints;

Sauvignon Blanc - straw yellow with fresh green shades;

Misket Cherven - yellow-green;

Ugni Blanc - straw-golden;

Rheinriesling - golden;

Misket Vrachanski - straw yellow with green tint;

Misket Varnenski - light straw with greenish tint;

Tamyanka- golden - green;

Silvaner - yellow-green.

* + for rosé - soft pink;
  + for red wines:

Cabernet Sauvignon - ruby red;.

Cabernet Franc - rich, ruby red

Merlot - ruby-red with violet tint;

Syrah - grenade;

Pinot noir - ruby red;

Gamay Noir - ruby red;

Pamid - light red.

* Aroma and taste:
  + for white wines:

Rkatsiteli - the aroma is fruity with hints of pear, apple and peach, the taste is fresh and harmonious;

Chardonnay - the aroma is fruity with vanilla notes, toasted bread crust and butter, the taste is fresh with integrated oak;

Muscat Ottonel - aromas of yellow fruits and lemon peel, with floral tones, the taste is fresh and fruity with accents of honey and peaches;

Dimyat - the aroma is dominated by fruit combined with a discreet vanilla tone and accents of ripe peach, the taste is light with a pleasant freshness;

Traminer - intense varietal rose aroma, with a bright presence of lychee, fragrant grasses and yellow fruits, the taste is fresh, fruity;

Sauvignon Blanc - citrus aromas - grapefruit, kiwi and melon, the taste is fresh with dominant green fruits;

Misket Cherven - muscat aroma with floral herbal notes, the taste is fresh with a soft finish;

Ugni Blanc - delicate fruity aroma with bitter almond, the taste is airy, delicate and fruity;

Rheinriesling - fruity aroma of passionfruit and kiwi, the taste is juicy and fresh, with floral notes at the end;

Misket Vrachanski - muscat aroma with accents of white flowers, pineapple, melon, honey, fresh bread, the taste is fresh with accents of green apple and wax and discreet bitterness;

Misket Varnenski - the aroma is a bouquet of fruit and fresh blossom from the rose bush, the taste is fresh and extractive;

Tamyank - a muscat-tamiana aroma with nuances of yellow ripe fruits, the taste is fresh and fruity;

Silvaner - aromas of pear, green apples, kiwi, and almonds, the taste is balanced with grassy tones and a hint of citrus.

* + for rosé - the aroma is a palette of berries and greenery, in the taste there is black cherry and citrus.
  + for red wines:

Cabernet Sauvignon - aromas of ripe black fruits, the taste is pepper, tobacco, spices and ripe red fruits;

Cabernet Franc - aromas of pepper, complemented by aromas of blackcurrant and raspberry and hints of smoke, the taste is fruity, with soft tannins, ripe sweetness and chocolate;

Merlot - aromas of berries with dried herbs and spices, the taste is juicy with nuances of chocolate and cocoa;

Syrah - aromas of cotton candy and confit are complemented by spicy spices, the palate is full-bodied and there are classic notes of white pepper and resin intertwined with subtle nuances of ripe plums;

Pinot Noir - cherry, strawberry, raspberry and plum, leather and smoky notes stand out in the aroma, the taste is juicy and sweet with accents of strawberries, plums and blueberries;

Gamay N oir - aromas of red berries, raspberries and cherries, the taste is fresh, juicy with accents of blueberries;

Pamid - fruity aromas of red fruits, very light and airy, smoothed with a soft finish.

1. The area for the production of wine with PDO "Black Sea Region" is delineated at the following boundaries of the land of the settlements:

***Balchik Municipality:*** Balchik, villages: Gurkovo, Dropla, Drobrava, Drobrava Zmeevo, Kremena, Lyakhovo, Tsarichino, Prespa, Rogachevo, Senokos, Sokolovo, Trigortsi, Khrabrovo, Tsarkva.

***General Toshevo Municipality***, villages: Vasilevo, Velikoovo, General Toshevo, Gradini, Dubovik, Ziten, Zograf, Izvorovo, Kalina, Kardam, Konare, Kraishte, Krasen, Kupinovo, Loznitsa, Lyulyakovo, Malina, Pisarovo, Preselentsi, Pchellarovo, Ravnets, Rosen, Rositsa, Snop, Snyagovo, Spasovo, Sredina, Sarnino, Uzovo, Chernookovo.

***Kavarna Municipality,*** villages: Belgun, Bilo, Bozhurets, Balgarevo, Vidno, Vranino, Kavarna, Kamen bryag, Poruchik Chunchevo, Rakovski, Sveti Nikola, Septemvriytsi, Topola, Hadzhi Dimitar, Chelopechene.

***Shabla Municipality,*** villages: Bozhanovo, Gorichane, Gorun, Granichar, Durankulak, s. Ezerets, Zahari Stoyanovo, Krapets, Prolez, Smin, Tyulenovo, Chernomortsi, Shabla.

***Tsar Kaloyan Municipality***, villages: Ezerche, Kostandenets, Tsar Kaloyan.

***Isperih Municipality***, villages: Vasovo, Golyam Porovets, Isperih, Rainino.

***Hitrino Municipality***, villags: Bliznatsi, Varbak, Dluzhko, Dobri Voinikovo, Zvegor, Kalino, Razvigorovo, Slivak, Studenitsa.

***Kaolinovo Municipality***, villages: Doirantsi, Kaolinovo, Sini Vir, Koordinovo, Todor Ikonomovo.

***Kaspichan Municipality***, villages: Varbiane, Zlatna Niva, Spaspinski, Kaspichan, Kosovo, Kyulevcha, Markovo, Mogila, town of Pliska.

***Novi Pazar Municipality***, villages: Bedzhene, Voyvoda, Zhilino, Zaychino Oreshe, Izbul, Mirovtsi, Novi Pazar, Pamukchii, Pisarevo, Praventsi, Preselka, Sechishte, Stan, Stoyan Mikhailovski, Tranitsa.

***Shumen Municipality***, villages: Belokopitovo, Vasil Drumev, Velino, Vetrishte, Vehtovo, Gradishte, Dibich, Drumevo, Ivanski, Ilija Blaskovo, Kladenets.

***Smiadovo Municipality***, villages: Alexandrovo, Smyadovo, Byal Bryag, Vesselinovo, Dzhelad, Novo Yankovo, Rish, Cherni Vrah, Yankovo.

***Veliki Preslav Municipality***, villages: Dragoevo, Zlatar, Imrenchevo, Zlatorovo, Kochovo, Mostich, Osmar, Veliki Preslav - quarter Kirkovo, Suha Reka, Troitsa, Khan Krum.

***Varbitsa Municipality***, villages: Barbitsa, Ivanovo, Metodievo, Tushovitsa.

***Aksakovo Municipality***, villages: Botevo, Voditsa, Vaglen, General Kantardzhievo, Dobrogled, Dolishte, Zornitsa, Ignatievo, Klimentovo, Lyuben Karavelovo, Novakovo, Osenovo, Pripek, Radevo, Slanchevo.

***Avren Municipality***, villages: Avren, Benkovski, Bliznatsi, Bolyartsi, Dobri dol, Dabravino, Zdravets, Kazashka Reka, Kitka, Priseltsi, Ravna gora, Sindel, Tsarevtsi, Trastikovo, Yunak.

***Beloslav Municipality,*** villages: Beloslav, Ezerovo, Strashimirovo, Kostantinovo.

***Byala Municipality***, villages: Goritsa, Gospodinovo, Dyulino, Popovich.

***Devnya Municipality,*** villages: Devnya, Kipra, Padina.

***Dolni Chiflik Municipality***, villages: s. Bulair, village. Burdarevo, Venelin, Golitsa, Goren chiflik, Grozdyovo, Dolni chiflik, Krivini, Nova Shipka, Novo Oryahovo, Pchelnik, Rudnik, Solnik, Stara Oryahovo, Shkorpilovtsi, Yunets.

***Dalgopol Municipality***, villages: Arkovna, Asparuhovo, Boryana, Velichkovo, town of Dalgopol, Kamen dyal, Komunari, Krasimir, Lopushna, Medovets, Partizani, Polyatsite, Royak, Sladka Voda, Tsonevo, Yavorovo.

***Provadia Municipality***, villages: Blaskovo, Bozveliisko, Barzitsa, Venchan, Gradinarovo, Dobrina, Zhitnitsa, Zlatina, Kiten, Komarevo, Krivnya, Monastery, Nenovo, Ovchaga, Petrov dol, Provadia, Ravna, Slaveykovo, Snezhina, Staroselets, Tutrakantsi, Khrabrovo, Chaika, Cherkovna, Chernook.

***Suvorovo Municipality***, villages: Banovo, Drandar, Kalimantsi, Nikolaevka, Chernevo, town of Suvorovo.

***Varna Municipality***, village of Zvezditsa, quarter Vladislavovo, quarter Galata - Varna.

***Vetrino Municipality***, villages: Belogradets, Gabarnitsa, Dobroplodno, Nevsha, Sredno Selo.

***Valchidol Municipality***, villages: Brestak, Voyvodino, Valchidol, General Kiselovo, General Kolevo, Dobrotich, Esenitsa, Izvornik, Iskar, Kaloyan, Karamanite, Metlicina, Mihalich, Oborishte, Radan Voyvoda, Stefan Karadzha, Cherventsi, Shtipsko.

***Dobrich Municipality***, villages Benkovski, Bogdan, Bozhurovo, Branishte, Vedrina, Vladimirovo, Vratarite, Geshanovo, Debrene, city of Dobrich, Dolina, Donchevo, Enevo, Zhitnitsa, Zlatiya, Kamen, Karapelit, Kozloduytsi, Kotlentsi, Kragulevo, Lovchantsi, Lomnitsa, Lyaskovo, Malka Smolnitsa, Medovo, Miladinovtsi, Novo Botevo, Odrintsi, Odartsi, Opanets, Orlova Mogila, Paskalevo, Plachidol, obeda, Polkovnik Ivanovo, Polkovnik Minkovo, Polkovnik Svescharovo, Prilep, Primortsi, Pchelino, Pchelnik, Rosenovo, Samuilovo, Svoboda,Slaveevo, Smolnitsa, Sokolnik, Stefan Karadzha, Stefanovo, Stozher, Tyanevo, Cherna.

***Krushari Municipality***, villages: Abrit, Alexandria, Bistrets, Gaber, Dobrin, Efreitor Bakalovo, Zagortsi, Zementsi, Zimnitsa, Kapitan Dimitrovo, Koriten, Krushari, Lozenets, Ognyanovo, Polkovnik Dyakovo, Poruchik Kardzhievo, Severnyak, Severtsi, Telerig.

***Tervel Municipality***, villages: Angelarii, Balik, Bezmer, Bozhan, Bonevo, Brestnitsa, Voynikovo, Glavantsi, Gradnitsa, Guslar, Zheglartsi, Zarnevo, Kableshkovo, Kladentsi, Kolartsi, Kochmar, Mali izvor, Nova Kamena, Onogur, Orlyak, Polkovnik Savovo, Popgruevo, Profesor Zlatarski, Sarnets, Tervel, Chestimensko.

***Venets Мunicipality,*** villages: Boyan, Venets, Gabritsa, Kaptain Petko, Chernoglavtsi.

***Nikola Kozlevo Municipality,*** villages: s. Vekilski, Karavelovo, Krasen dol, Kriva Reka, Nikola Kozlevo, Pet mogili, Ruzhitsa, Harsovo, Tsani Ginchevo, Tsarkvitsa.

***Alfatar Municipality***, villages: Alekovo, town of Alfatar, Bistra, Kutlovitsa, Tsar Asen, Bogdantsi.

***Glavinitsa Municipality,*** villages: Bogdantsi, town of Glavinitsa, Valkan, Dichevo, Dolno Ryahovo, Zafirovo, Zebil,Kalugerene, Kolarovo, Listets, Malak Preslavets, Nozharevo, Padina, Podles, Sokol, Stefan Karadzha, Sukhodol, Chernogor.

***Dulovo Municipality,*** villages: Vodno, Vrabino, Gruncharovo, town of Dulovo, Kolobar,

Mezhden, Okorsh, Polkovnik Taslakovo, Poroyno, Pravda, Prokhlada, Razdel, Sekulovo, Skala, Cherkovna, Chernik, Yarebitsa.

***Kaynardzha Municipality***, villages: Voinovo, Golesh, Gospodinovo, Kaynardzha, Kamentsi, Kranovo, Polkovnik Cholakovo, Poprusanovo, Posev, Svetoslav, Sredishte.

***Silistra Municipality,*** villages: Aydemir, Babuk, Bradvari, Balgarka, Vetren, Glavan, Yordanovo, Kazimir, Kalipetrovo, Polkovnik Lambrinovo, Popkralevo, Profesor Ishirkovo, city of Silistra, Smilets, Sratsimir, Srebarna, Sarpovo, Tsenovich.

***Sitovo Municipality***, villages: Bosna, Garvan, Dobrotitsa, Irnik, Iskra, Nova Popina, Polyana, Popina, Sitovo, Slatina.

***Tutrakan Municipality***, villages: Antimovo, Belitsa, Brenitsa, Dunavets, Nova Cherna, Pozharevo, Preslavtsi, Staro selo, town of Tutrakan, Turnovtsi, Tsarev dol, Shumentsi.

***Zavet Municipality***, villages: Brestovene, Veselets, town of Zavet, Ivan Shishmanvo, Ostrovo, Prelez, Sushevo.

***Isperih Municipality***, villages: Vazovo, Golyam Porovets, Dragomazh, town of Isperih, Konevo, Malak Porovets, Rainino, Sveshtari, Todorovo.

***Kubrat Municipality***, villages: Belovets, Bisertsi, Bozhurovo, Zvanartsi, Kamenovo, town of Kubrat, Medovone, Madrevo, Ravno, Savin, Sevar, Terter, Tochilari, Yuper.

***Loznitsa Municipality***, villages: Veselina, Kamenar, town of Loznitsa, Kamenar, Loznitsa, Lovsko, Manastirsko, Manastirtsi, Seidol, Sinya Voda, Trabach, Trapishte.

***Razgrad Municipality***, villages: Balkanski, Blagoevo, Getsovo, Dryanovets, Dyankovo, Kichenitsa, Lipnik, Mortagonovo, Osenets, Ostrovche, Poroishche, town of Razgrad, Rakovski, Topchii, Ushintsi, Cherkovna, Yasenovets.

***Samuil Municipality***, villages: Zhelyazkovets, Zdravets, Krivitsa, Nozharovo, Pchelina, Samuil.

***Tsar Kaloyan Municipality***, villages: Ezerche, Kostandenets, town Tsar Kaloyan.

***Antonovo Municipality***: village of Moravitsa, town of Antonovo.

***Omurtag Municipality:*** town of Omurtag, Tserovishte, Golyamo Tsarkvishte, Vrani kon.

***Opaka Municipality***, villages: Golyamo Gradishte, Gorsko Ablanovo, Garchinovo, Krepcha, Lyublen, town of Opaka.

***Popovo Municipality,*** villages: Aprilovo. Berkovski, Braknitsa, Voditsa, Gagovo, Gloginka, Goritsa, Dolna Kabda, Drinovo, Elenovo, Zavetno, araevo, Zvezda, Kardam, Kovachevets, Kozitsa, Konak, Lomtsi, Manastiritsa, Marchino, Medovina, Palamartsa, town of Popovo, Posabina, adina, Svetlen, lavyanovo, Trastika, Tsar Asen.

***Targovishte Municipality***, villages: Alvanovo, Aleksandrovo, Bayachevo, Bistra, Bozhurka, Buynovo, Bukhovtsi, Vardun, Vasil Levski, Golyamo Novo, Golyamo Sokolovo, Gorna Kabda, Davidovo, Draganovets, Dralfa, Dulgach, Zdravets, Koshnichari, Kralevo, Krishno, Lilyak, Lovets, Makaryopolsko, Makovo, Miladinovtsi, Mirovets, Nadarevo, Ovcharovo, Osen, Ostrets, Pevets, Podgorica, Preslets, Presian, Probuda, Ralitsa, Rosina, Ruets, Strazha, Saedinenie, town of Targovishte, Tarnovtsa, Tsvetnitsa, Cherkovna, located in the districts of Varna, Shumen, Dobrich, Razgrad, Silistra and Targovishte.

1. The maximum grape yield allowed for the production of wine with PDO "Black Sea region" is 9000 kg/ha.
2. The wine grape varieties allowed for the production of wine with PDO "Black Sea region" are:
   * for white wines: Rkatsiteli, Chardonnay, Muscat Ottonel, Dimyat, Traminer, Sauvignon Blanc, Misket Cherven, Ugni Blanc, Rheinriesling, Misket Vrachanski, Misket Varnenski, Tamyanka, Silvaner;
   * for red wines and rosé: Cabernet Sauvignon, Cabernet Franc, Merlot, Syrah, Pinot Noir, Gamay Noir, Pamid.
3. Link to geographical area.

a) Natural factors:

The Black Sea region falls in the eastern part of the Danube Highlands, located in northeastern Bulgaria. It is bordered to the north by the Danube, to the south by the slopes of the Balkan Mountains and to the east by the Black Sea. The terrain is mostly hilly and flat. The climate is temperate-continental, but strongly influenced by the close proximity of the Black Sea, which softens it considerably. The region is characterised by dry and moderately warm summers with a well-defined breeze circulation during most of the season. Autumn is long and warm. The total temperature sum for the period with average daily temperatures above 10 °C (April-October) is 3500 to 3750 °C. The average daily temperature of the warmest month is 21.5 to 23.0 ºC. The average annual rainfall is 450 to 650 mm. The soil types are: grey forest soils of medium sandy loam or heavy sandy loam, dark grey forest soils of sandy loam or heavy sandy loam, carbonate chernozems, light to heavy sandy loams and alluvial and delluvial-fluvial soils.

b) Human factors:

* The maximum grape yield allowed for the production of wine with PDO "Black Sea region" is 9000 kg/ha.
* The wine grape varieties allowed for the production of wine with PDO "Black Sea region" are:
* for white wines: Rkatsiteli, Chardonnay, Muscat Ottonel, Dimyat, Traminer, Sauvignon Blanc, Misket Cherven, Ugni Blanc, Rheinriesling, Misket Vrachanski, Misket Varnenski, Tamyanka, Silvaner;
* for red wines and rosé: Cabernet Sauvignon, Cabernet Franc, Merlot, Syrah, Pinot Noir, Gamay Noir, Pamid.
* The agrotechnical measures in the cultivation of vines are:
* Training System - Ombrella, Moser, medium two-arm Cordon;
* Pruning - mixed and short with a load of up to 54 eyes per vine;
* Planting distance of 2,0 m to 3,4 m row spacing and 1,0 m to 1,5 m plant spacing - up to a maximum of 450 vines per hectare.
* The maximum yield of wine per 100 kg of grapes is:
* for red wines - 65 l;
* for white wines, rosé and Pamid wines - 60 l.
* Vinification and processing are carried out in the defined production area.

The temperate-continental climate, strongly influenced by the proximity of the Black Sea, with its characteristic breeze circulation, the relatively dry summers and the long and warm autumns define the typical climate of the region. The Black Sea region differs from the Southern Black Sea region by its shorter and drier summers and colder winters due to its openness from the north and the entry of cold air masses. The climatic features of the area, combined with the typical hilly nature of the topography, the favourable soil conditions and the constraints imposed by the human factor, determine the character of the wines produced.

The white wines have pronounced aromas of citrus and southern fruits and a fresh, balanced fruity taste.

The red wines have fruity aromas intertwined with pepper, spices, herbs and resinous tones, the taste is fresh fruity and juicy.

**7.** Applicable requirements

(a) Legal framework:

- Council Regulation (EC) No 1234/2007;

- Commission Regulation (EC) No 607/2009;

- Wine and Spirits Act;

- Ordinance on the conditions to be met by quality wines, produced in a specified region and the procedure for their approval.

(b) Requirements of Bulgarian legislation:

- Producers of quality wine produced in a specified region, shall submit samples of the wine produced in the last harvest to the tasting commissions of the Regional Vine and Wine Chambers to carry out organoleptic evaluation.

- Physico-chemical, microbiological analysis and organoleptic evaluation shall be shall be carried out on each batch of quality wine produced in a specified region.

- The volume of the batch may not exceed 150 000 l for wines with guaranteed designation of origin and 60 000 l for wines with a guaranteed and controlled designation of origin.

**8.** The control body that verifies compliance with the provisions for product specification:

**Executive Agency on Vine and Wine (EAVW)**

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**Functions of the Control body.**

(a) Annually inspect the conditions of the vineyards and grapes before the harvest, intended for the production of wines with PDO and make a proposal to the competent mayor to announce the start of the grape harvest.

(b) With the assistance of representatives of the relevant Regional Vine and Wine Chamber, exercise control over the state of the vineyards in the area, the conduct of the mandatory agrotechnical measures and the correct application of the technology for production of wines with PDO.

(c) Annually, on the basis of a pre-established schedule, monitor on the spot on the processing of the grapes and the oenological practices and treatments carried out in the production of PDO wines.

(d) EAVW testing laboratories shall carry out physico-chemical and microbiological analysis of each batch of PDO wine.

(e) Collect, verify and store the applications and the validation certificates quality wines from a specified region.

(f) Officials of the EAVW shall participate in the quality wine panel to which the applications for the approval of wines with PDO are submitted.