



Potvrda o akreditaciji Accreditation Certificate

Ovime se utvrđuje da je
This is to recognize that

Hrvatska agencija za poljoprivredu i hranu
Vinkovačka cesta 63c, HR-31000 Osijek
Centar za vinogradarstvo, vinarstvo i uljarstvo
Odjel za fizikalno kemijska ispitivanja
Odjel za senzorna ispitivanja
Gorice 68b, HR-10000 Zagreb

osposobljen prema zahtjevima norme
is competent according to
HRN EN ISO/IEC 17025:2017
(ISO/IEC 17025:2017;
EN ISO/IEC 17025:2017)
za/to carry out

Ispitivanja mošta, vina, voćnih vina, aromatiziranih proizvoda od vina, jakih alkoholnih pića, maslinovih ulja i ostalih biljnih ulja te senzorna ispitivanja vina, voćnih vina i aromatiziranih proizvoda od vina

Testing of must, wine, fruit wines, aromatised wine products, spirit drinks, olive oils and other vegetables oils and sensory testing of wine, fruit wines and aromatised wine products

u području opisanom u prilogu koji je sastavni dio ove potvrde o akreditaciji.

for the scope described in the annex which is the constituent part of this accreditation certificate.

Br./No.: 1022

Klasa/Ref.No.: 383-02/22-30/024

Urbroj/Id.No.: 569-02/8-22-58

Zagreb, 2022-12-18

Akreditacija istječe-Accreditation expiry: 2027-12-17

Prva akreditacija-Initial accreditation: 2002-12-30

HAA je potpisnica multilateralnog sporazuma s Europskom organizacijom za akreditaciju (EA)

HAA is a signatory of the European co-operation for Accreditation (EA) Multilateral Agreement

Ravnateljica:

Director General:

mr. sc. Mirela Zečević



Hrvatska akreditacijska agencija
Croatian Accreditation Agency

PRILOG POTVRDI O AKREDITACIJI br: 1022

Annex to Accreditation Certificate Number:

Klasa/Ref. No.: 383-02/22-30/024

Urbroj/Id. No.: 569-02/8-22-57

Datum izdanja priloga /Annex Issued on: 2022-12-18

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Urbroj/Id. No.: 569-02/11-21-20

Datum/Date: 2021-05-27

Norma: HRN EN ISO/IEC 17025:2017

Standard: (ISO/IEC 17025:2017; EN ISO/IEC 17025:2017)

Akreditacija istječe: 2027-12-17

Accreditation expiry:

Prva akreditacija: 2002-12-30

Initial accreditation:

Akreditirani laboratorij

Accredited Laboratory

Hrvatska agencija za poljoprivredu i hranu
Vinkovačka cesta 63c, HR-31000 Osijek
Centar za vinogradarstvo, vinarstvo i uljarstvo
Odjel za fizikalno kemijska ispitivanja
Odjel za senzorna ispitivanja
Gorice 68b, HR-10000 Zagreb

Područje akreditacije:

Scope of Accreditation:

Ispitivanja mošta, vina, voćnih vina, aromatiziranih proizvoda od vina, jakih alkoholnih pića, maslinovih ulja i ostalih biljnih ulja te senzorna ispitivanja vina, voćnih vina i aromatiziranih proizvoda od vina

*Testing of must, wine, fruit wines, aromatised wine products, spirit drinks, olive oils and other vegetables oils
and sensory testing of wine, fruit wines and aromatised wine products*

Važeće izdanje Priloga dostupno je na web adresi: www.akreditacija.hr /
Valid issue of the Annex is available at the web address: www.akreditacija.hr

Ravnateljica:

Director General:

mr. sc. Mirela Zečević

PODRUČJE AKREDITACIJE / SCOPE OF ACCREDITATION

Odjel za fizikalno kemijska ispitivanja

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> Raspon/Range	Metoda ispitivanja <i>Test method</i>
1.	Mošt, vino, voćno vino, aromatizirani proizvodi od vina, jaka alkoholna pića <i>Must, wine, fruit wine, aromatised wine products, spirit drinks</i>	Određivanje gustoće i relativne gustoće pri 20 °C piknometrijski <i>Determination of density and specific gravity at 20°C by pycnometry</i>	OIV-MA-AS2-01A:R2021 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
2.		Određivanje gustoće i relativne gustoće pri 20 °C elektronskom denzimetrijom s frekventnim oscilatorom <i>Determination of density and specific gravity at 20°C by electronic densimetry with frequency oscillator</i>	OIV-MA-AS2-01B:R2021 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
3.		Određivanje alkoholne jakosti piknometrijski <i>Determination of alcoholic strength by pycnometry</i>	OIV-MA-AS312-01A: R2021 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i> OIV-MA-BS-03: R2009 <i>Compendium of International Methods of Analysis of Spirituous Beverages of Vitivinicultural Origin, International Organisation of Vine and Wine</i>
4.		Određivanje alkoholne jakosti NIR spektrometrijom <i>Determination of alcoholic strength by NIR spectrometry</i>	Vlastita metoda/ <i>In-house method</i> Ru-L1-7.2-4 Izdanje 02/Issue 02 2022-03-08
5.		Određivanje reducirajućih šećera titracijom uz indikator <i>Determination of reducing sugars by titration with indicator</i>	<i>H. Rebelein, Chem. Mikrobiol. Technol. Lebensm. 2, 112, 1973.</i>

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6.	Mošt, vino, voćno vino, aromatizirani proizvodi od vina <i>Must, wine, fruit wine, aromatised wine products</i>	Određivanje reducirajućih šećera potenciometrijskom titracijom <i>Determination of reducing sugars by potentiometric titration</i>	Vlastita metoda/ <i>In-house method</i> Ru-L1-7.2-8 Izdanje 02/Issue 02, 2022-03-08
7.		Određivanje ukupnih šećera potenciometrijskom titracijom <i>Determination of total sugars by potentiometric titration</i>	Vlastita metoda/ <i>In-house method</i> Ru-L1-7.2-11 Izdanje 01/Issue 01, 2022-01-20
8.		Određivanje ukupne kiselosti titracijom uz indikator <i>Determination of total acidity by titration with indicator</i>	OIV-MA-AS313-01: R2015 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
9.	Jaka alkoholna pića <i>Spirit drinks</i>	Priprema destilata i određivanje alkoholne jakosti elektronskom denzimetrijom s frekventnim oscilatorom <i>Preparation of distillate and determination of alcoholic strength by electronic densimetry with frequency oscillator</i>	OIV-MA-BS-02:R2009 OIV-MA-BS-04:R2009 <i>Compendium of International Methods of Analysis of Spirituous Beverages of Vitivinicultural Origin, International Organisation of Vine and Wine</i>
10.	Vino, voćno vino, aromatizirani proizvodi od vina <i>Wine, fruit wine, aromatised wine products</i>	Određivanje ukupnog suhog ekstrakta <i>Determination of total dry extract</i>	OIV-MA-AS2-03B:R2012 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
11.		Određivanje pepela <i>Ash content determination</i>	OIV-MA-AS2-04:R2009 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>

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12.	Vino, voćno vino, aromatizirani proizvodi od vina <i>Wine, fruit wine, aromatised wine products</i>	Određivanje pH vrijednosti <i>Determination of pH</i>	OIV-MA-AS313-15: R2011 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
13.		Određivanje hlapive kiselosti <i>Determination of volatile acidity</i>	OIV-MA-AS313-02: R2015 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
14.		Određivanje slobodnog sumpornog dioksida <i>Determination of free sulphur dioxide</i>	OIV-MA-AS323-04A1: R2021 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
15.		Određivanje ukupnog sumpornog dioksida <i>Determination of total sulphur dioxide</i>	OIV-MA-AS323-04A2: R2021 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
16.		Određivanje tlaka <i>Determination of pressure</i>	OIV-MA-AS314-02: R2003 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
17.		Određivanje limunske kiseline <i>Determination of citric acid</i>	OIV-MA-AS313-09: R2009 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>

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18.	Vino, voćno vino, aromatizirani proizvodi od vina <i>Wine, fruit wine, aromatised wine products</i>	Određivanje glicerola <i>Determination of glycerol</i>	OIV-MA-AS312-05: R2009 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
19.		Određivanje D-glukonske kiseline <i>Determination of D-gluconic acid</i>	OIV-MA-AS313-28: R2019 <i>Compendium of International Methods of Wine and Must Analysis, International Organisation of Vine and Wine</i>
20.		Spektrofotometrijsko određivanje ukupnog sumpornog dioksida <i>Spectrophotometric determination of total sulphur dioxide</i>	Vlastita metoda/ <i>In-house method</i> Ru-L1-7.2.-25 Izdanje 02/ <i>Issue 02</i> , 2022-03-08
21.		Određivanje slobodnog sumpornog dioksida analizatorom s kontinuiranim protokom <i>Determination of free sulfur dioxide by a continuous flow analyzer</i>	Vlastita metoda/ <i>In-house method</i> Ru-L1-7.2-26 Izdanje 02/ <i>Issue 02</i> , 2022-11-14
22.	Vino <i>Wine</i>	Određivanje alkoholne jakosti, pH vrijednosti, reducirajućih šećera, ukupne kiselosti i hlapive kiselosti u vinu metodom infracrvene spektroskopije s Fourier-ovom transformacijom (FTIR) na uređaju WineScan™ Auto <i>Determination of alcoholic strength, pH-value, reducing sugars, total acidity and volatile acidity of wine by method of Fourier Transform Infrared Spectroscopy (FTIR) using WineScan™ Auto instrument</i>	Vlastita metoda/ <i>In-house method</i> Ru-L1-7.2-27 Izdanje 03/ <i>Issue 03</i> , 2022-11-16

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> Raspon/Range	Metoda ispitivanja <i>Test method</i>
23.	Maslinova ulja i ulja od komine maslina <i>Olive oils and olive pomace oils</i>	Određivanje slobodnih masnih kiselina, hladna metoda <i>Determination of free fatty acids, cold method</i>	Uredba Komisije (EEZ) br. 2568/91 sa svim izmjenama i dopunama, zaključno s Provedbenom uredbom Komisije (EU) 2019/1604, PRILOG II <i>Commission Regulation (EEC) No. 2568/91, with all amendments concluding with Commission Implementing Regulation (EU) 2019/1604, ANNEX II</i> INTERNATIONAL OLIVE COUNCIL COI/T.20 /Doc. No. 34./Rev. 1 2017
24.	Maslinova ulja <i>Olive oils</i>	Određivanje peroksidnog broja <i>Determination of peroxide value</i>	Uredba Komisije (EEZ) br. 2568/91 sa svim izmjenama i dopunama, zaključno s Provedbenom uredbom Komisije (EU) 2019/1604, PRILOG III <i>Commission Regulation (EEC) No. 2568/91, with all amendments concluding with Commission Implementing Regulation (EU) 2019/1604, ANNEX III</i> INTERNATIONAL OLIVE COUNCIL COI/T.20 /Doc. No 35/Rev. 1 2017
25.	Maslinova ulja <i>Olive oils</i>	Spektrofotometrijsko određivanje koeficijenata ekstinkcije u UV području <i>Spectrophotometric determination of the extinction coefficients in the UV region</i>	Uredba Komisije (EEZ) br. 2568/91 sa svim izmjenama i dopunama, zaključno s Provedbenom uredbom Komisije (EU) 2019/1604, PRILOG IX <i>Commission Regulation (EEC) No. 2568/91, with all amendments concluding with Commission Implementing Regulation (EU) 2019/1604, ANNEX IX</i> INTERNATIONAL OLIVE COUNCIL COI/T.20/Doc No. 19/Rev. 5 2019

Odjel za senzorna ispitivanja

Br. No.	Materijali/Proizvodi <i>Materials/Products</i>	Vrsta ispitivanja/Svojstvo <i>Type of test/Property</i> Raspon/Range	Metoda ispitivanja <i>Test method</i>
26.	Vino <i>Wine</i>	Organoleptično (senzorno) ispitivanje <i>Organoleptic (sensory) testing</i>	Pravilnik o vinarstvu, Narodne novine br. 81/2022 <i>Ordinance on winemaking, Official Gazette No. 81/2022</i>
27.	Voćno vino <i>Fruit wine</i>	Organoleptično (senzorno) ispitivanje <i>Organoleptic (sensory) testing</i>	Pravilnik o vinarstvu, Narodne novine br. 81/2022 <i>Ordinance on winemaking, Official Gazette No. 81/2022</i>
28.	Aromatizirani proizvodi od vina <i>Aromatised wine products</i>	Organoleptično (senzorno) ispitivanje <i>Organoleptic (sensory) testing</i>	Uredba (EU) br. 251/2014 Europskog Parlamenta i Vijeća od 26. veljače 2014. o definiciji, opisivanju, prezentiranju, označivanju i zaštiti oznaka zemljopisnog podrijetla aromatiziranih proizvoda od vina i stavljanju izvan snage Uredbe Vijeća (EEZ) br. 1601/91 <i>Regulation (EU) No 251/2014 of the European Parliament and of the Council of 26 February 2014 on the definition, description, presentation, labelling and the protection of geographical indications of aromatised wine products and repealing Council Regulation (EEC) No 1601/91</i> Pravilnik o vinarstvu, Narodne novine br. 81/2022 <i>Ordinance on winemaking, Official Gazette No. 81/2022</i>