



COMMISSION II - « OENOLOGY »

“SPECIFICATIONS OF OENOLOGICAL PRODUCTS”
EXPERT GROUP

Proceedings report for the 20th session

Date: 04/03/2024

Place: Salle de Flore, Palais des Ducs de Bourgogne, 1 Rue Rameau,
21000 Dijon, France and video conference Kudo

AGENDA¹20th SessionThursday April 4th 2023:

9:00 – 13:00 and 14:30 – 18:30 (UTC+1) (Paris Time)

Place : Salle de Flore, Palais des Ducs de Bourgogne, 1 Rue Rameau, 21000 Dijon, France
and video conference platform Kudo

No.	Topic	Reference Document	Ref. OIV WP	Time available ²
1.	Adoption of the agenda	CII-SPECIF 2024-04 OJ		2 min 9:00- 9:02
2.	Approval of the proceedings report for the 19 th session	CII-SPECIF 2023-03 CR		2 min 9:02- 9:04
3.	Information from the OIV Secretariat	CII-SPECIF 2024-04 03		3 min 9:04- 9:07
4.	Information presented to the Expert Group by the Commission and/or other OIV commissions, sub-commissions, or expert groups	CII-SPECIF 2024-04 04		8 min 9:07- 9:15
Review of preliminary draft resolutions at step 5				

¹ Topics that delegations wish to add in accordance with the 2023 work programme, will be discussed under the item "proposals for future work". In that regard, the filled project presentation document must be returned to the OIV Secretariat with the working documents on the topic in question at least **15 days** before the date of the OIV meetings, therefore before **Monday March 18, 2024**, so that the delegates and experts may read them carefully. Failing this, the subject will not be presented during the meeting.

Warning: Taking into account the logistical and technical imperatives linked to the organisation of videoconferences, delegates and experts who plan to provide a document or make a presentation in accordance with the agenda are requested to do so **no later than Monday March 18, 2024**. Otherwise, it will be technically impossible to share their document or presentation via the videoconference system.

² The time available for each point will be evaluated taking into account the number of official comments submitted by **March 9, 2024** and the accompanying documents submitted by **March 18, 2024**.

5.	Determination of tartaric acid (L+) isotopic ratios $^{13}\text{C}/^{12}\text{C}$ and $^{18}\text{O}/^{16}\text{O}$ by isotope ratio mass spectrometry - Observations at step 5	OENO-SPECIF 21-691 OENO-SPECIF 21-691 add1	121.1	30 min 9:15- 9:45
6.	Monograph of grape seed protein extract (GSE) - Observations at step 5	OENO-SPECIF 21-693 OENO-SPECIF 21-693 add1	153	30 min 9:45- 10:15
7.	Monograph on chelating resins of styrene-divinylbenzene with iminodiacetic functional group - Observations at step 5	OENO-SPECIF 21-695 OENO-SPECIF 21-695 add1	221	30 min 10:15- 10:45
Review of preliminary draft resolutions at step 3				
8.	Monograph on dimethylpolysiloxane - Observations at step 3	OENO-SPECIF 18-642 OENO-SPECIF 18-642 add.1	40	30 min 10:45- 11:15
20 min Coffee break 11:15-11:35				
9.	Monograph on medium-chain fatty acids (MCFA) - Observations at step 3	OENO-SPECIF 19-660 OENO-SPECIF 19-660 add.1	125	30 min 11:35- 12:05
10.	AMS radiocarbon analysis to determine the natural or synthetic origin of tartaric acid - Observations at step 3	OENO-SPECIF 21-692 OENO-SPECIF 21-692 add1	121.2	30 min 12:05- 12:35
11.	Monograph on functionalised mesoporous silica (FMS) - Observations at step 3	OENO-SPECIF 21-694 OENO-SPECIF 21-694 add1	220	30 min 12:35- 13:05
85 min Lunch break 13:05-14:30				
12.	Update of monograph on protein of plant origin (withdrawal of wheat) - Observations at step 3	OENO-SPECIF 23-723 OENO-SPECIF 23-723 add1	289	30 min 14:30- 15:00
13.	Update of monograph of citric acid - Observations at step 3	OENO-SPECIF 23-727 OENO-SPECIF 23-727 add1	235	30 min 15:00- 15:30

14.	Determination of the $^{13}\text{C} / ^{12}\text{C}$ and $^{15}\text{N}/^{14}\text{N}$ isotope ratios of chitosan by isotope ratio mass spectrometry. - <i>Observations at step 3</i>	OENO-SPECIF 23-728 OENO-SPECIF 23-728 add1	236	30 min 15:30- 16:00
Work underway				
15.	Update of monograph on bentonite - <i>Information from working group</i>	CII-SPECIF 2024-04 15	234	30 min 16:00- 16:30
20 min Coffee break 16:30-16:50				
16.	Update of the monograph on Cellulose microcrystalline: Comparison with Codex Alimentarius specifications - <i>Information from the OIV Secretariat</i>	CII-SPECIF 2024-04 16	131	10 min 16:50- 17:00
17.	Monograph of “Estaan” – natural polyphenolic compounds from plant extracts and hydrolate - <i>Communication by Germany</i>	CII-SPECIF 2024-04 17	253	30 min 17:00- 17:30
18.	Update the monographs on tannins with alternative protocol of analysis and interlaboratory validation - <i>Information from working group</i>	CII-SPECIF 2024-04 18	309	30 min 17:30- 18:00
Proposals for future work				
19.	Solid Rectified Concentrated Grape Must - <i>Communication by Italy</i>	CII-SPECIF 2024-04 19		30 min 18:00- 18:30
Any other business				



SUMMARY SHEET OF THE WORK OF THE SUB-COMMISSIONS AND EXPERT GROUPS

Group of experts: « Specifications of oenological products »

Date: 4/03/2023

Number of experts present: 22 (present) + 46 (KUDO) = 68

Number of countries: 11 (present) + 17 (KUDO)

Number of observers: 2

Number of people invited: 1

I/ Resolutions

Document	Step	Subject	Follow up (step of the procedure)
OENO-SPECIF 21-691	5	Determination of L (+) tartaric acid isotopic ratios $^{13}\text{C}/^{12}\text{C}$ and $^{18}\text{O}/^{16}\text{O}$ by isotope ratio mass spectrometry	The resolution remained at step 5 , taking into consideration the comments of Member States. An electronic working group will be formed with the goal of exchange and evaluate existing data among the Member States and interpretation of the results.
OENO-SPECIF 21-693	5	Monograph of Grape Seed Protein Extract	The resolution remained at step 5 , taking into consideration the comments of Member States.
OENO-SPECIF 21-695	5	Monograph on chelating resins of styrene-divinylbenzene with iminodiacetic functional group	The resolution remained at step 5 , taking into consideration the comments of Member States.
OENO-SPECIF 18-642	3	Monograph on dimethylpolysiloxane	The item was withdrawn from the agenda until there are updates on the methods of analysis to determine amount of polydimethylsiloxane in wine and new information on the requested points.
OENO-SPECIF 19-660	3	Monograph on medium-chain fatty acid	The draft resolution was withdrawn from the working programme .



OENO-SPECIF 21-692	3	AMS radiocarbon analysis to determine the natural or synthetic origin of tartaric acid	The draft resolution was withdrawn from the working programme .
OENO-SPECIF 21-694	3	Monograph on functionalised mesoporous silica	The resolution moved to step 5 , taking into consideration the comments of Member States.
OENO-SPECIF 23-723	3	Update of monograph on protein of plant origin (withdrawal of wheat)	The resolution moved to step 7 with accelerated procedure , taking into consideration the comments of Member States.
OENO-SPECIF 23-727	3	Update of monograph of citric acid	The resolution moved to step 5 , taking into consideration the comments of Member States.
OENO-SPECIF 23-728	3	Determination of the $^{13}\text{C}/^{12}\text{C}$ and $^{15}\text{N}/^{14}\text{N}$ isotope ratios of chitosan by isotope ratio mass spectrometry	The resolution moved to step 5 , taking into consideration the comments of Member States.

II/ Questions from the Strategic Plan

Ref SP	Theme and treatment	Follow up
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III/ Request for additional information or opinion (statistics, economy, legal, technical, health)

Information	Source
OENO-SPECIF 23-728 Determination of the $^{13}\text{C}/^{12}\text{C}$ and $^{15}\text{N}/^{14}\text{N}$ isotope ratios of chitosan by isotope ratio mass spectrometry	SPECIF
Request	Recipient
Opinion of SCMA on the method	SCMA

IV/ Presentations other than point II

Document	Country/WG	Subject	Follow up
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CII-SPECIF 2024-04 15	Switzerland	Update of monograph on bentonite	The resolution moved to step 3 , taking into consideration the comments of Member States. The electronic working group will provide the draft resolution.
CII-SPECIF 2024-04 16	OIV Secretariat	Update of the monograph on Cellulose microcristalline : Comparison with Codex Alimentarius specifications	The topic was reviewed by the OIV Secretariat and there are no updates. The topic was withdrawn from the working programme .
CII-SPECIF 2024-04 17	Germany	Monograph of “Estaan”- Natural polyphenolic compounds from plant extracts and hydrolate	German delegation presented the topic. It was kept for 2025 agenda.
CII-SPECIF 2024-04 18	eWG	Update the monographs on tannins with alternative protocol of analysis and interlaboratory validation	OENOPPIA, who coordinates the electronic working group presented the topic. The electronic working group will continue their work.

V/Items on the agenda for the next session (without prejudice to subjects which may be added later)

Reference	Country	Subject	Follow up
CII-SPECIF 2024-04 18	Italy	Solid Rectified Concentrated Grape Must	Italian delegation presented the topic. The topic is kept in the agenda for 2025.

VI/ Other items

Reference	Country	Subject	Follow up
OENO-MICRO 23-740	MICRO	Update of Monographs regarding products and subproducts of non-Saccharomyces yeasts	The opinion of SPECIF was requested on this resolution. The Group gave a positive opinion on its move to step 7 .
CII-SPECIF 2024-04 20	France	Racemic tartaric acid	French delegation presented the topic. The topic is kept in the agenda for 2025.



Date

Name and signature of the author of the proposal

04/04/2024

Antonella Bosso
President of "The Specifications of Oenological Products" Expert Group
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INTRODUCTION

The 20th session of the “Specifications of Oenological Products” Expert Group was held on 04/03/2024 in Salle de Flore in Dijon, France and online via video conference platform Kudo with attendance of the official delegates and experts representing Member States and Observers. The meeting was opened by Antonella Bosso (Italy), the President of the Specifications of Oenological Products Group, who welcomed the experts.

1. Adoption of the agenda (CII-SPECIF 2024-04 OJ)

- 1.1. The OIV Secretariat informed the Group about the item “Update on treatment with D,L-tartaric acid in must (II.2.1.21) and in wine (II.3.4.15)” which was on TECHNO meeting’s agenda. The topic could not be reviewed due to time constraints. Since it includes some parts regarding SPECIF group, the Group agreed to include the presentation to the agenda.
- 1.2. The Group adopted the proposed agenda as the meeting’s agenda.

2. Approval of the proceedings report for the 19th session of the “Specifications of Oenological Products” Expert Group (CII-SPECIF 2023-03 CR)

- 2.1. The proceedings report for the 19th session was unanimously approved.

3. Information from the OIV Secretariat (CII-SPECIF 2024-04 03)

- 3.1. The OIV Secretariat reminded the Group about the deadlines for submitting draft resolutions under the step procedure. The submission date for the draft resolutions which will pass to step 7 is 14 June 2024.

4. Information presented to the Expert Group by the Commission and/or other OIV commissions, sub-commissions, or expert groups (CII-SPECIF 2024-04 04)

- 4.1. The OIV Secretariat informed the group that the MICRO Group has been working on the draft resolution OENO-MICRO 23-740 to update of monographs regarding products and subproducts of non-*Saccharomyces* yeasts. The MICRO Group decided to send the resolution to step 7, subject to opinion of SPECIF group.
- 4.2. **Conclusion:** The draft resolution moved to step 7, taking into consideration the positive opinion of SPECIF Group.

5. Determination of tartaric acid (L+) isotopic ratios $^{13}\text{C}/^{12}\text{C}$ and $^{18}\text{O}/^{16}\text{O}$ by isotope ratio mass spectrometry (OENO-SPECIF 21-691)

- 5.1. The Italian delegation made a presentation about the topic. The project included sampling 81 grape calcium tartrate from different geographical origins, transformation and purification of grape calcium tartrate into L (+) tartaric acid and obtaining stable isotope ratio analysis of $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ of the samples. Following, $\delta^{13}\text{C}$ and $\delta^{18}\text{O}$ limiting values for tartaric acid (L+) of grape origin were identified.

- 5.2. The Group examined the comments forwarded to the Organisation.
- 5.3. Each delegation presented their own comments and modifications proposed on the draft resolution.
- 5.4. The Australian delegation proposed that the method should include guidance on how to interpret the data and the method must reference publicly available international databases.
- 5.5. The Russian delegation supported the comments of the Australian delegation about the isotopic limits presented.
- 5.6. The Australian and Russian delegations proposed to form an electronic working group. The goal of this eWG is the “interpretation of analytical results and to collect the available data for interpretation of analytical regards regarding determination of the origin of the tartaric acid.” Australia, Russia, Brazil and Italy expressed their interest to join the electronic working group.
- 5.7. The French delegation asked for clarification on the origin of the oil that is mentioned on the table present at section 4.3 of the draft monograph. The Italian delegation clarified that the table includes standards produced by international institutes, the oil is not of natural origin, it is synthetic material.
- 5.8. The President of the Group clarified that this method of analysis will be added as an annex to the monograph of tartaric acid and not to the OIV Compendium, therefore is specified as an action item of the SPECIF group.
- 5.9. **Conclusion:** The draft resolution remained at step 5, taking into consideration the comments of Member States.
- 5.10. An electronic working group will be formed with the goal of exchanging and evaluating existing data among the Member States and interpretation of the results.

6. Monograph of grape seed extract (GSE) (OENO-SPECIF 21-693)

- 6.1. The Italian delegation made a presentation to answer the questions and comments. The amendments on the draft resolution were made after it was sent to Member States for comments.
- 6.2. The Group examined the comments forwarded to the Organisation.
- 6.3. Each delegation presented their own comments and modifications proposed on the draft resolution.
- 6.4. The French delegation pointed out that the changes requested last year at step 5 have not been incorporated to the draft resolution. They also stated that monographs should focus on the characteristics of the product, but not its technological functions. They also mentioned that the iron and copper content are a lot higher than the limit required for tannins.
- 6.5. The German delegation states that detailed information is needed on the composition of the product and type of tannins included in order to properly classify the product.
- 6.6. The Brazilian delegation raised concerns regarding the lead limit as they are expecting it to be lower.
- 6.7. The South African delegation requested to specify the origin of the grape seeds, whether it includes only *Vitis vinifera*. They also pointed out that the composition of protein, polyphenols, carbs, minerals may vary from season to season depending

on various factors, and asked how the product composition will be standardised to fulfil its function.

- 6.8. **Conclusion:** The draft resolution remained at step 5, taking into consideration the comments of Member States and those made during the meeting.
- 6.9. The Italian delegation will provide the revised draft resolution.

7. **Monograph on chelating resins of styrene-divinylbenzene with iminodiacetic functional group (OENO-SPECIF 21-695)**

- 7.1. The Group examined the comments forwarded to the Organisation.
- 7.2. Each delegation presented their own comments and modifications proposed on the draft resolution.
- 7.3. The French delegation pointed out that the changes requested last year at step 5 have not been incorporated to the draft resolution, in particular, migration tests for iminoacetic acid are missing. The Spanish delegation confirms that they have been working on development of the method of analysis for migration tests. The method is developed, and the limit of detection and quantification is being worked on. Once they are finalised, they will be incorporated to the draft resolution.
- 7.4. The Brazilian delegation reinforced that the item 5.3.2 - Solvents or simulants required, does not comply with the recommendations in the Regulation (EU) No. 10/2011, for normal vinegar. The Spanish delegation clarified that these figures are for basic vinegar with up to 3% acetic acid, whereas this draft resolution is aimed for aged vinegars which can have up to 8% acetic acid and 3% v/v ethanol.
- 7.5. The Portuguese delegation requested to remove the clause “the user must do it before treating the vinegar.” in section 5.1 of the draft resolution. This amendment will be made.
- 7.6. The Italian delegation requested to change the title of annex 1 and refer to the annex on the monograph itself. The Spanish delegation confirmed that these changes will be made, and 2 annexes will be added, one for styrene-divinylbenzene and one for iminodiacetic functional group.
- 7.7. The German delegation requested to be precise on which treatments are related to this monograph, as there are different types of resins reviewed by the TECHNO group.
- 7.8. **Conclusion:** The draft resolution is kept in step 5, taking into consideration the comments of Member States and those made during the meeting.
- 7.9. The Spanish delegation will provide the revised draft resolution.

8. **Monograph on dimethyl polysiloxane (OENO-SPECIF 18-642)**

- 8.1. The OIV Secretariat informed the Group that the treatment with dimethyl polysiloxane has been withdrawn from the agenda of TECHNO until there is new information presented on this draft resolution.
- 8.2. The Group examined the situation and pointed out the necessity to have a method of analysis to determine the amount of polydimethylsiloxane in wine.

- 8.3. **Conclusion:** The item was withdrawn from the agenda until there are updates on the methods of analysis to determine the amount of polydimethylsiloxane in wine and new information on the requested points.

9. Monograph on medium-chain fatty acids (MCFA) (OENO-SPECIF 19-660)

- 9.1. The Czech Republic delegation presented the point.
9.2. The research group is not able to continue the project due to various reasons and they proposed removal of the draft resolution from the agenda.
9.3. **Conclusion:** The Group reached consensus to withdraw the draft resolution from the working programme.

10. AMS radiocarbon analysis to determine the natural or synthetic origin of tartaric acid (OENO-SPECIF 21-692)

- 10.1. The draft resolution has not been modified since the last meeting.
10.2. The text has to be rewritten according to the ISO standard.
10.3. The French delegation indicated the difficulty to receive the amended version of the draft resolution from the private laboratory who is in charge of the drafting.
10.4. Faced with the lack of information, the French delegation proposed withdrawal of the topic.
10.5. **Conclusion:** The draft resolution was withdrawn from the working programme.

11. Monograph on functionalised mesoporous silica (FMS) (OENO-SPECIF 21-694)

- 11.1. The Italian delegation made a presentation about the topic. The presentation clarified that FMS is not classified as a nanomaterial. The FMS has been verified through the DOC (dissolved organic carbon) parameter and the reference parameter was proposed to be DOC lower than 5 ppm. Migration tests were conducted quantification of ethylene glycol, propylene glycol monomers possibly deriving from the templating agent P123. The results show that both ethylene glycol and propylene glycol are lower than 15 µg /L. The protein absorption test to verify the effectiveness of FMS. The results showed that chitinase and thaumatine-like protein concentrations decrease significantly after the treatment with FMS.
11.2. The Group examined the comments forwarded to the Organisation.
11.3. Each delegation presented their own comments.
11.4. The German delegation proposed that the method in the bentonite monograph should also be included in this monograph as an annex. Alternatively, the new proposed method can already be applied as the current method requires a very well-equipped laboratory.
11.5. The French delegation proposed that it should be included in the monograph that the regeneration will be performed only by the supplier.
11.6. **Conclusion:** The draft resolution moved to step 5, taking into consideration the comments of Member States.
11.7. The Italian delegation will provide the revised draft resolution.

12. Update of monograph on protein of plant origin (withdrawal of wheat) (CII-SPECIF 2024-04 12)

- 12.1. The OIV Secretariat presented the draft resolution.
- 12.2. Taking into account the comments received from the European Union, it was clarified that the mention of “wheat” will be removed from all the relevant published files.
- 12.3. **Conclusion:** Given that no amendment requests were received on the draft resolution, the Group decided to move it to step 7 with accelerated procedure.

13. Update of monograph of citric acid (CII-SPECIF 2024-04 13)

- 13.1. The Austrian delegation presented the draft resolution.
- 13.2. The recommended amendments are in editorial nature, and they will be integrated into the draft resolution.
- 13.3. The South African delegation suggested adding a warning as some reagents used in this procedure are of dangerous nature. The Group discussed this point and the availability of the warnings and precautions on the packaging of each product.
- 13.4. **Conclusion:** The draft resolution moved to step 5, taking into consideration the comments of Member States.
- 13.5. The Austrian delegation will provide the revised version.

14. Determination of the $^{13}\text{C} / ^{12}\text{C}$ and $^{15}\text{N} / ^{14}\text{N}$ isotope ratios of chitosan by isotope ratio mass spectrometry (CII-SPECIF 2024-04 14)

- 14.1. The Italian delegation made a presentation. They informed the group that an interlaboratory study is being organised as the method for the discrimination of chitosan from fungi from that from crustacean requires the estimation of repeatability and reproducibility. 6 different chitosan with different isotopic values and in double blind (total 12 samples) will be distributed to the participants. On each sample the isotope analysis of carbon and nitrogen (by means of EA-IRMS) will have to be performed. The goal is to obtain the results and present them at the next OIV meeting.
- 14.2. The French and Russian delegations raised some questions on the presentation which were answered by the Italian delegation.
- 14.3. The French delegation proposed to ask the opinion of SCMA on this method of analysis.
- 14.4. In light of the presentation made, the Australian delegation removed their firm and motivated opposition.
- 14.5. The President clarified that the method will be added as an annex to the chitosan monograph and a referral to the annex will be added to the body of the monograph in a new section at 5.1.3. The considerations at the beginning of the draft resolution will be amended accordingly to reflect these changes.
- 14.6. **Conclusion:** The resolution moved to step 5, taking into consideration the comments of Member States.
- 14.7. The Group decided to ask the opinion of SCMA on this method of analysis.
- 14.8. The Italian delegation will provide the revised version.

15. Update of monograph on bentonite (CII-SPECIF 2024-04 15)

- 15.1. The Swiss delegation presented the amended version of the monograph.
- 15.2. The electronic working group did not progress on the document yet.
- 15.3. **Conclusion:** Taking into consideration the comments of Member States, the draft resolution moved to step 3.
- 15.4. The electronic working group which is coordinated by the Swiss delegation will meet to review the amendments and provide the draft resolution.

16. Update of the monograph on Cellulose microcrystalline: Comparison with Codex Alimentarius specifications (CII-SPECIF 2024-04 16)

- 16.1. The topic was reviewed by the OIV Secretariat and there were no updates.
- 16.2. **Conclusion:** The topic was withdrawn from the working programme.

17. Monograph of “Estaán” – natural polyphenolic compounds from plant extracts and hydrolate (CII-SPECIF 2024-04 17)

- 17.1. The German delegation made a presentation on the subject. The presentation included detailed information on the development of the product, the composition of the product (the plant origin of the tannins and tannins composition), the general extraction method, the data sheet of the product, the technological functions and protocol of usage. The presentation concluded that the composition specifications adjust to the tannin classification and the product has demonstrable and measurable properties as well as a technological interest at doses comparable to other tannins on the market.
- 17.2. The French delegation expressed that, according to the presented information, the product currently is in powder form and does not contain any stabilizing material and is in compliance with the characteristic of the tannins outlined in the general monograph, therefore there is no further necessity to discuss this topic in SPECIF group. If the product has technological properties which are not outlined in the monograph, it should be studied in TECHNO group.
- 17.3. The Australian delegation commented on the potential sensory effect on wine, and lower doses that is recommended to be used compared to tannins available in the market. They asked for clarification of the reasons for the high performance of the product at lower doses and the principle behind the action of the product to be able to standardise. The German delegation explained the action comes from the combination of different tannins which creates potent.
- 17.4. The French delegation expressed that there is no need to discuss in detail a product that is presented as an oenological tannin, since there are many products in the market under different commercial brands which are blends of tannins. They stated that it is the role of the Member States to check on the market which products comply with the regulation, not the OIV's role.
- 17.5. The South African delegation reiterated that the composition of tannin mixture does not include oenological tannins from a resource point of view but contains various new plants which may be contributing to its effectiveness.

- 17.6. The Australian delegation asked for clarification on chemical data to show what is actually in the extract, apart from the tannin content which is already described in detail in the presentation.
- 17.7. The Swiss delegation expressed that if the label is sufficient to state the type of the tannins, it would be possible to confirm that this product is covered by the tannin monograph.
- 17.8. The President clarified that the manufacturers of products do not need to ask the opinion of OIV whether their products comply with the regulations, they simply need to follow the indications and rules which have been set by the scientific experts.
- 17.9. The Group discussed the antibacterial effect of the product which is listed under the table 4.2 of the monograph of oenological tannins. The Spanish delegation proposed to conduct a study to demonstrate its new functionalities. It was suggested that the microbiological effect should be worked within the MICRO group. The German delegation expressed that they have already undertaken these studies.
- 17.10. The French delegation referred to the monograph, some of the functionalities of oenological tannins remain to be demonstrated, including the microbiological effect. This does not only apply to the product under discussion, but for all the tannins in the market. Therefore, a study needs to be undertaken to demonstrate this function.
- 17.11. **Conclusion:** Having taken note of the comments and in agreement with the experts, the point is kept for the agenda 2025.

18. Update the monographs on tannins with alternative protocol of analysis and interlaboratory validation (CII-SPECIF 2024-04 18)

- 18.1. OENOPPIA presented the topic. The goal of the project is to conduct global ring tests to validate QC analysis, to update the 4 monographs of tannins (ellagitannins, gallotannins, procyanidins and profisetidins) with an annex describing validated alternative methods with uncertainties.
- 18.2. The electronic working group did not progress on the project yet.
- 18.3. **Conclusion:** Having taken note of the comments and in agreement with the experts, the point is kept for the agenda 2025.
- 18.4. The electronic working group will continue to work.

19. Solid Rectified Concentrated Grape Must (CII-SPECIF 2024-04 19)

- 19.1. The Italian delegation made a presentation about solid rectified concentrated grape must. They informed the Group that dozens of experiments conducted on a company scale have confirmed that the crystallisation process has made it possible to produce a highly purified, solid concentrated grape must suitable for carrying out all oenological operations that require the addition of sugars (enrichment, sparkling, sweetening), preventing the carry-over of chemical contaminant and the risk of microbial contamination during product storage, therefore fully respecting the natural integrity of the wine.
- 19.2. **Conclusion:** Having taken note of the comments and in agreement with the experts, the Group decided to add the topic to the work programme.

19.3. The Italian delegation will provide the draft document.

20. Update on treatment with D,L-tartaric acid in must (II.2.1.21) and in wine (II.3.4.15)

- 20.1. The French delegation presented the topic. The presentation included the background of a project in which the toxicity of tartaric acid and its derivatives were re-evaluated in March 2020 by EFSA (EU). Evidence of a nephrotoxic risk from the D(-) form of tartaric acid or its salts was found. The EU asked the OIV to draw up an inventory of oenological practices potentially concerned and, if necessary, to demonstrate the harmlessness of the practice. At the OIV, the only use of the D(-) form of tartaric acid or its salt is in the method of reducing calcium ions in musts or wines by treatment with a racemate of tartaric acid or its potassium salt.
- 20.2. In this framework, a group undertake action items for development of an analytical method for the specific determination of the two forms (D) and (L) of tartaric acid or its potassium salts and implementation of treatments on different wines with final analysis to verify the absence of D(-) tartaric acid in the wines after treatment.
- 20.3. According to the results of the study conducted, the EU has decided not to prohibit the use of racemic tartaric acid or its potassium salt in wines to eliminate excess calcium.
- 20.4. There are three actions for the OIV: First, submitting the method for determining the different D(-) and L(+) forms of tartaric acid in wines by means of an HPLC method using a chiral column to the SCMA for validation, Second, updating the related code of practices (3.4.15 D,L tartaric acid treatment (Oeno 4/08) on wine) and (2.1.21 D,L tartaric acid treatment (Oeno 3/08) on must), and revising the product monograph to indicate that the potassium racemate of tartaric acid can also be used to comply with EU legislation.
- 20.5. **Conclusion:** Having taken note of the comments and in agreement with the experts, the Group decided to add the topic to the work programme.