



ISO/TC 38/WG 31 "Non-fibrous bio-based material for textiles"  
Convenorship: KATS  
Convenor: Kim You-Kyum Dr



**Notice of meeting and Draft Agenda - WG31 On-line meeting 2024-07-10 (replace N77)**

<b>Document type</b>	<b>Related content</b>	<b>Document date</b>	<b>Expected action</b>
Meeting / Agenda	Meeting: <a href="#">VIRTUAL 10 Jul 2024</a>	2024-07-09	<b>INFO</b> by 2024-07-10

**Replaces:** N 77 Notice of meeting and Draft Agenda - WG31 virtual meeting 2024-07-10



## Notice of meeting / Draft agenda

**Date** 2024-07-09

**Reference**

ISO/TC 38/WG 31/meeting

**N79 (replaced 77)**

Number and title of TC/Numéro et titre du TC

**ISO/TC 38/WG 31**

**Nonfibrous bio-based material for textiles**

**2024-07-10 VIRTUAL MEETING**

**Secretariat/Secrétariat**

**Convenorship**

**KATS /**

**Dr. You-Kyum Kim**

E-mail : [Kim.youkyum@gmail.com](mailto:Kim.youkyum@gmail.com)

**Meeting/Réunion**

Meeting dates / Dates de la réunion:

**2024-07-10 from 17:00 to 19:00 Seoul/Tokyo**

**from 13:30 to 15:30 New Delhi**

**from 10:00 to 12:00 Paris (CEST)**

**Join Zoom Meeting**

<https://iso.zoom.us/j/91544925286?pwd=2gvrYUgATfLd7ebDpdj5wV2DfEaJKQ.1>

password: 200067

- 1 Opening of meeting
- 2 Roll call of experts
- 3 Adoption of agenda: Doc. ISO/TC 38/WG 31 **N79**
- 4 Approbation of the minutes of last meeting on 2024-03-13: Doc. ISO/TC 38/WG 31 **N73**
- 5 Status of all items of the programme of work and action to be taken
  - 5.1 ISO/CD 22195-9 *Textiles — Determination of index ingredient from coloured textile — Part 9: Gallnut* is approved as CD on 2024-02-05 (**WG 31 N74**)
  - 5.2 ISO/DIS 22195-7 *Textiles — Determination of index ingredient from coloured textile — Part 7: Himalayan rhubarb* is approved on 2024-06-11 (**WG 31 N75**)
  - 5.3 ISO/DIS 22195-8 *Textiles — Determination of index ingredient from coloured textile — Part 8: Hibiscus* is approved on 2024-06-11 (**WG 31 N76**)
  - 5.4 Comparison of ISO 22195 series of standards (**WG 31 N78**)
- 6 Recommendation (s) of WG 31 to ISO/TC 38
- 7 Requirement of subsequent meeting
- 8 Closure of the meeting



Document: ISO/TC 38WG 31 N80

Our ref: 02. Meeting

Date: 2024-07-10

**Convenorship of ISO/TC 38/WG 31**

KATS(Korean Agency for Technology and Standards)

**Minutes of ISO/TC 38/ WG 31 virtual meeting on 2024-07-10**

**1. Opening of the meeting**

The meeting was opened at 17:00 (KST) by Dr. You-Kyum Kim, a convenor and the WG members were welcomed.

**2. Roll call of experts**

There were 6 experts from 2 countries. The attendance list is attached to the end of this minutes.

**3. Adoption of the agenda N79**

The agenda (N79) of WG 31 meeting was adopted.

**4. Approbation of the minutes of last meeting on 2024-03-10**

- The meeting minute (N74) was approved with correction of 'mistype of Prof. Samanta' (Prof. Samata → Prof. Samanta).

**5. Follow up of the work projects**

**5.1 ISO/CD 22195-9 Textiles — Determination of index ingredient from coloured textile — Part 9: Gallnut**

Basically, all editorial comments that are identical to those presented in the previously published ISO 22195 standard development process will follow the previous processing.

[JP-030] It was decided to consider replacing the chromatogram in Figure A.2, in which gallic acid was not clearly separated from adjacent peaks, with a new chromatogram from other analysis results, if possible.

PL will prepare a revised document and propose it as soon as possible. When preparing a revised document, it will proceed in accordance with previously published standards, and accordingly, if there are no special technical comments after DIS registration, it may immediately enter the 'publication' stage as in the case of part 7 and part 8.

**5.2 ISO/DIS 22195-7 Textiles — Determination of index ingredient from coloured textile — Part 7: Himalayan rhubarb and ISO/DIS 22195-8 Textiles — Determination of index ingredient from coloured textile — Part 8: Hibiscus**

ISO/DIS 22195-7, -8 had a brief editorial comment, to which Dr. PL, Dr. Lee Kyeong

Eun prepared a revised document and submitted it to the committee manager.

Accordingly, it was decided to proceed with the Publication stage and complete 'Proof for checking' by 2024-08-05.

Basically, it was decided to conduct a final review according to a format including 'quantitative procedure' such as ISO 22195-1, -2, and -3.

### 5.3 Comparison of ISO 22195 series of standards (**WG 31 N78**)

Nine standard documents were compared and explained according to N78 prepared by the convener.

**5.3.1** The following is the result of the discussion on maintaining consistency between overall standards, and it was agreed to reflect it when the overall revision progresses. If overall revision is necessary, it was agreed that it would be carried out after Part 9 has been published.

✓ **CAS No. (5. Reagents)**

- Standards that have already been published will be marked with 'CAS No.' when revisions are in progress.
- In the developing standard, CAS No. it is recommended to add.

✓ **Apparatus**

- Since each chromatograph is written differently in the document, it must be written the same way in the relevant standard document. At the same time, ensure consistency between standards.

✓ **Quantitative / Qualitative analysis procedure**

- Parts 1, 2,3,7 and 8 describe quantitative analysis in '7.4 Analysis'.
- On the other hand, Parts 4, 5, 6, and 9 describe only qualitative procedures.
- Dr. Kim explained that when ISO 22195-1, -2 was first developed, only qualitative analysis was considered, and quantitative analysis procedures were added during revision.
- Mr. Shah suggested that qualitative and quantitative analysis procedures be described separately in the currently published standards, and Dr. Kim suggested that the entire standard be based on qualitative analysis, and that quantitative analysis procedures and examples be described in an informative Annex.

✓ **Test Report**

- In 8 c) of each standard, the expression indicating the analysis result of the index ingredient is different as shown in fig 1 below, so it was considered to be expressed the same.

✓ **Formatting of Annex**

- Since the format of Annex A.1 is written differently in two groups, it was decided to consider writing it in the same format.

8 Test report<sup>e,f</sup>

The test report shall include the following information:<sup>e,f</sup>

- a) a reference to this document, i.e. ISO 22195-2:2023;<sup>e,f</sup>
- b) identification of the test specimen;<sup>e,f</sup>
- c) the concentration of curcumin, in mg/kg<sup>e,f</sup>
- d) conditions of chromatographic analysis;<sup>e,f</sup>
- e) any deviation from the specified procedure in this document;<sup>e,f</sup>
- f) date of the test.<sup>e,f</sup>

8 Test report<sup>e,f</sup>

The test report shall include the following information:<sup>e,f</sup>

- a) a reference to this document, i.e. ISO 22195-4:2021;<sup>e,f</sup>
- b) identification of the sample;<sup>e,f</sup>
- c) quantitative results of catechin;<sup>e,f</sup>
- d) conditions of chromatographic analysis;<sup>e,f</sup>
- e) any deviation from the specified procedure in this document;<sup>e,f</sup>
- f) the date of the test.<sup>e,f</sup>

8 Test report<sup>e,f</sup>

The test report shall include the following information:<sup>e,f</sup>

- a) a reference to this document, i.e. ISO 22195-6:2021;<sup>e,f</sup>
- b) identification of the sample;<sup>e,f</sup>
- c) conditions of chromatographic analysis;<sup>e,f</sup>
- d) test result;<sup>e,f</sup>
- e) any deviation from the specified procedure in this document;<sup>e,f</sup>
- f) the date of the test.<sup>e,f</sup>

8 Test report<sup>e,f</sup>

The test report shall include the following information:<sup>e,f</sup>

- a) a reference to this document, i.e. ISO 22195-3:2024;<sup>e,f</sup>
- b) identification of the test specimen;<sup>e,f</sup>
- c) detection result of delphinidin;<sup>e,f</sup>
- d) conditions of chromatographic analysis;<sup>e,f</sup>
- e) any deviation from the specified procedure in this document;<sup>e,f</sup>
- f) date of the test.<sup>e,f</sup>

Fig. 1. 8 Test Report c) from ISO 22195-2, -4, -6 and -3

5.3.2 The following are errors identified in each standard, and these were resolved by communicating with the committee manager and/or TPM and considering partial revision (or full revision).

✓ 'Apparatus' not mentioned in the documentation

- ISO 22195-3 6.4 'Rotary evaporator' is not mentioned in the document. Therefore, it should be deleted.

✓ Editorial error of Figure A.2 in ISO 22195-5

- The range of the X axis in Figure A.2 is 0 to 16 min. However, the legend was changed during preparation for final publication. Therefore, it must be re-drawn according to the original.



Fig. 2. Editorial error of Figure A.2 in ISO 22195-5

✓ Editorial error in 8 c) of ISO 22195-4:2021

- 'quantitative results of catechin' should be changed to 'qualitative results of catechin'.

**6. Any other business**

- none

**7. Recommendation of WG 31 to ISO/TC 38**

- none

**8. Subsequent meeting**

The next meeting will be held depending on the progress of Part 9.

**7. Closure of the meeting**

- The convenor thanked all participants for their kindest cooperation.



**Dr. You-Kyum Kim**

**Convenor,**

ISO/TC 38/WG 31 Nonfibrous bio-based material for textiles

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ISO/TC 38/WG 31 Nonfibrous bio-based material for textiles, convenor contact

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## MEETING ATTENDANCE LIST

Meeting **7th meeting of ISO/TC 38/WG 31**

Place and date **Virtual meeting  
10 Jul 2024 17:00 - 19:00 KST**

Name and first name	Appointed by ISO Member Body or organization in liaison	Signature
Ali Shah Yawar Mr	BIS (India)	O
Samanta A.K. Prof.	BIS (India)	O
Shukla Himanshu Mr	BIS (India)	O
Vankar Padma S. Dr	BIS (India)	excused
Saxena Sujata Dr	BIS (India)	O
Lee Kyeong Eun Dr	KATS (Korea, Republic of)	O
Kim You-Kyum Dr	ISO/TC 38/WG 31	O
Tazawa Hisashi Mr	ISO/TC 38	excused