

RESOLUTIONS

TITLE OF THE SECTIONAL COMMITTEE		NUMBER OF THE MEETING
FOOD MICROBIOLOGY SECTIONAL COMMITTEE, FAD 31		FOURTH
DATE AND DAY: 15 th April 2024, Monday		TIME: 10:30 hrs
VENUE:	Blue Room (Vimarsha) BIS, ManakBhawan, 9, BSZ Marg New Delhi – 110002 Meeting was conducted through Hybrid (physical + virtual) mode	
CHAIRPERSON:	Dr. Kiran N. Bhilegaonkar Principal Scientist & Head Public Health Division ICAR-Indian Veterinary Research Institute Barielly (UP) - 243001	
MEMBER SECRETARY:	Smt. Varsha Gupta Scientist-E/ Director Food & Agriculture Department Bureau of Indian Standards New Delhi - 110002	

RESOLUTION 01/ 2024**Co-option of Dr. Chandrashekhar G. Raut, in FAD 31**

FAD 31 agrees to recommend FADC to co-opt Dr. Chandrashekhar G. Raut, Director - Interdisciplinary Research, & Lab Director, Dr. D.Y. Patil Medical College, Hospital & Research Centre, Sant Tukaram Nagar, Pimpri, Pune in Panel 4 of FAD 31.

RESOLUTION 02/ 2024**Composition of Various Panels functional under FAD 31**

FAD 31 decides to rename FAD 31/ Panel 2 and 3 as FAD 31/ Working Group 2 and 3, respectively, alongwith allocating deadline to complete their tasks (Refer minutes for details). The panel also decides to co-opt Dr. Rashmi H. M. from ICAR-NDRI, Bangalore in FAD 31/ WG 01.

RESOLUTION 03/ 2024**Finalized Draft Indian Standards under Publication - FAD 31/ Panel 1**

FAD 31 decides to disband FAD 31/ Panel 1 as the work of the panel has been completed and the standard IS 5404 “Sampling transport storage and sample preparation of food samples for microbiological analysis” is sent for publication.

RESOLUTION 04/ 2024

Draft Indian Standards issued for Wide Circulation

FAD 31 noted the circulation of all WC drafts as decided by the Committee with last date of comments as 01 Sep 2024. FAD 31 also requested the members to provide their comments/agreement through BIS portal on all the drafts before the last date.

RESOLUTION 05/ 2024

Review and Revision of Indian Standards on Microbiological Media Ingredients FAD 31/ Panel 3

FAD 31 redesignates the panel as FAD 31/Working Group 3 and reviews the revision work of 16 Indian Standard on Microbiological Media Ingredients including the Indian Standard on 'Methods of sampling and test for ingredients used in media for microbiological work' under FAD 31. FAD 31 appraises that out of 16 standards, 06 standards are published and wide circulation drafts of 03 standards are under preparation. However, as of now, in view of the non-availability of experts in this WG, the Committee decides to archive rest of the standards, except IS 6854 : 1973 and suggested the Committee to find and nominate suitable experts from the media manufacturers in the WG.

RESOLUTION 06/ 2024

Revision of IS 14595:1998 Food Hygiene, Microbiological criteria – Principles for establishment and application - FAD 31/ Panel 2

FAD 31 redesignates the panel as FAD 31/Working Group 2 and asks the technical experts to arrange a meeting for discussion on the comments/inputs provided on IS 14595:1998 and finalize the draft by 30 September 2024.

RESOLUTION 07/ 2024

Review and Revision of IS 5887 (Part 2) : 1976 - Methods for detection of bacteria responsible for food poisoning: Part 2 Isolation, identification and enumeration of *Staphylococcus aureus* and *Faecal streptococci*

FAD 31 decides to inform the concerned technical Committee(s) of BIS to replace IS 5887 (Part 2) with the suitable section of IS 5887 (Part 8) for detection & enumeration of coagulase positive *Staphylococcus aureus* in their product standard(s) developed by them. Justification provide by the Committee is mentioned below:

The method given in IS 5887 (Part 2) is very old. Also, the method performance criteria and media performance checks are not mentioned in standard. In addition, although IS 5887 (Part 2) prescribes a quantitative method, measurement uncertainty has not been addressed in the standard.

RESOLUTION 08/ 2024

Comments received on published standards:

IS 5887 (Part 5/Sec 1) : 2023/ ISO 21872-1 : 2017 Methods for detection of bacteria responsible for food poisoning Part 5: Horizontal method for the determination of *Vibrio* spp. Section 1:

Detection of potentially enteropathogenic *Vibrio parahaemolyticus*, *Vibrio cholerae* and *Vibrio vulnificus* (second revision)

FAD 31 reviews the comments received from BIS laboratories and decides to prepare an SOP on sample preparation part considering 250 ml volume applicable for PDW by 22 July 2024. FAD 31 also decides for preparation of a plan for validation of the test method by 07 August 2024. The committee decides not to accept any alternative method in replacement of standard reference method. The committee also decides to inform Sh Abhijit Singh, BIS that his comments have already been addressed in **ISO 7218 as a normative reference of IS 5887 (Part 5/Sec 1) : 2023/ ISO 21872-1 : 2017**.

RESOLUTION 09/ 2024

REVIEW OF INDIAN STANDARDS

FAD 31 decides to circulate the list of Indian Standards due for review to all the members for 30 days for comments, if any, and the decision on review may be taken in the next meeting.

RESOLUTION 10/ 2024

Provision of R & D Projects Under BIS Funds

FAD 31 decides to revise FAD 31/ Panel 5 for ‘Discussion and Finalization of ToRs for R&D Projects’ submitted already and ask the panel to arrange a meeting on priority to proceed further. The committee also asks Shri Angshuman Saha to submit an SOP on Detection of *Vibrio* spp. from water sample by the end of July 2024 for facilitating laboratories involved in the Packaged Drinking water testing under mandatory BSI certification.

RESOLUTION 11/ 2024

Antimicrobial Resistance

FAD 31 accepts the proposal of members to rename the Working Group from ‘Brainstorming on Antimicrobial Resistance in Food Products’ to ‘Antimicrobial Resistance’ and also accepts the recommendation to organize a full day seminar on AMR. Member Secretary to discuss with the WG members to plan the seminar considering target audience & suitable speakers and communicate the members the details.

RESOLUTION 12/ 2024

Communication received from IIT, Jodhpur for development of Indian Standard for detection of coliforms in water on a paper strip dip based method developed by them

FAD 31 discussed the proposal and also made queries to Dr Meenu Chhabra regarding principle of the test, validation study etc., which she addressed during the deliberation. FAD 31 noted that the validation report by State Water Testing Laboratory, Bhubaneswar mentioned detection levels higher in contrary to the reported 10 cfu/ml by the inventor. Further, the detection of the organism is based on ‘Catalase Activity’ which doesn’t provide specificity to the method. The Committee decides not to accept the proposal to develop the protocol as Indian standard as the proposed method may give false positive or false negative results. Moreover, performance criteria of the method are not determined w.r.t. sensitivity, specificity, inclusivity, exclusivity, LOD, LOQ, Linearity, Robustness,

false positive and false negative results (detailed validation report).

FAD 31 suggests Dr Meenu Chhabra, IIT Jodhpur that although the method cannot be developed as Indian Standard however the same may be taken forward for patent, as informed by her.

RESOLUTION 13/ 2024

Discussion on making available all reference cultures with MTCC, as per the ISO standards for food and water samples, to the Indian stakeholders

FAD 31 appreciates the effort made by IMTECH to make the cultures as per IS/ISO method available for Indian stakeholders and suggests to change the heading to rename as 'List of cultures as per IS/ISO standards for food microbiology by Bureau of Indian Standards' on the website. FAD 31 also requests Dr Suresh Korpole to make it available on direct website under single link with the suggested heading.

RESOLUTION 14/ 2024

Status of the Work Done by FAD 31/ Panel 4

FAD 31 considers the proposal from Sh Angshuman Saha and suggests BIS secretariat to communicate to ITS department of BIS to allow provision for mentioning ISO number also on BIS standards purchase portal while purchasing the adopted Indian standards for better access by Indian stakeholders.

RESOLUTION 15/ 2024

Nomination of experts in various working groups under SC 9

FAD 31 considers the report of 43rd plenary meeting of the report submitted by the Indian Delegation with appreciation and agrees with the recommendations of Indian delegation represented at 43rd meeting of ISO plenary meeting to nominate technical experts in various working groups considering the country's interest and suggested FAD 31/ Panel 4 to deliberate in this regard.

RESOLUTION 16/ 2024

Next meeting place and date

FAD 31 agrees to conduct its quarterly next meeting on November, 2024 in physical/hybrid mode at BIS, New Delhi.