

## BUREAU OF INDIAN STANDARDS

### MINUTES

Name of the Committee	No. of Meeting	Day	Date	Time	Venue
Food Additives Sectional Committee, FAD 8	20 <sup>th</sup>	Thursday	27 July 2023	1030 hrs	Hybrid Meeting

#### **CHAIRPERSON:**

Dr. Yogeshwar Shukla  
Chief Scientist & Professor, AcSIR  
Food, Drug & Chemical Toxicology Group,  
Indian Institute of Toxicology Research,  
Lucknow - 226001

#### **MEMBER SECRETARY:**

**Mr. Kuldeep Mittal**  
Scientist-B,  
Food & Agriculture Deptt.  
Bureau of Indian Standards  
New Delhi

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**ATTENDANCE SHEET** – Please see **Annex A** (page 8)

#### **ITEM 0 GENERAL**

##### **0.1 Welcome by Head, Food and Agriculture Department, BIS**

Ms. Suneeti Toteja, Head, Food & Agriculture Department, BIS extended a warm welcome to the Chairman and members to the 20<sup>th</sup> meeting of Food Additives Sectional Committee, FAD 8. She thanked the Chairman, Dr. Yogeshwar Shukla for his continuous and efficient guidance towards contribution to the national standardization work. Ms. Toteja also thanked all the members for their valuable inputs and cooperation and urged members to actively deliberate on the various issues in the agenda.

##### **0.2 Opening Remarks by the Chairman**

Dr. Yogeshwar Shukla, Chairman, FAD 8 extended a warm welcome to the members of the Committee to its 20<sup>th</sup> meeting. In his opening remarks, Dr. Yogeshwar Shukla emphasized active participation of all members in the work of the committee and urged them to deliberate on the various issues in the agenda in a pro-active and fruitful manner and respond within the stipulated time so that meaningful decisions could be taken and various draft standards finalized.

#### **ITEM 1 CONFIRMATION OF THE MINUTES OF THE NINETEENTH MEETING**

**1.1** As no comments were received on minutes of the 19<sup>th</sup> meeting of Food Additives Sectional Committee, FAD 8 held on 25 April 2023 as circulated vide our email dated 27 May 2023, the committee confirmed the minutes.

#### **ITEM 2 NEW PROCESS REFORMS IN STANDARDIZATION**

**2.1** With the objective to inform the committee members regarding newly instituted process reforms in standardization, secretariat delivered a presentation on the subject. The process

reforms by BIS were highly appreciated process reforms introduced in national standardization by BIS.

**2.2** The committee noted the annual action plan (AAP) for the year 2023-24 prepared by Member Secretary, FAD 8 attached at Annex II of agenda and requested members to expedite the task allocated to them, for timely completion of projects specified in AAP.

**2.3** The committee decided to hold 4 Committee Meetings in year 2023-24 as under:

- i) First Meeting – 25 April 2023 (Last meeting)
- ii) Second Meeting – 27 July 2023 (Current meeting)
- iii) Third Meeting – 20 November 2023
- iv) Fourth Meeting – 3<sup>rd</sup> week of March 2024

**2.4** The committee noted that BIS is encouraging Sectional Committees to take up R&D project either on standardization on new subject or for revision of existing standard on the basis of empirical data and scientific insights. Two R&D proposals submitted by Dr. DK Patel Sr Principal Scientist from CSIR-IITR Lucknow. Accordingly, the committee proposed following topics for R&D projects for consideration of committee:

1. Development of methods for identification and quantification of PFASs and their related compounds in different matrices using state-of-the-art chromatographic techniques.
2. Development of fast & robust methods for the analysis of designer drugs in different matrices.

Committee evaluated these two concept proposals and approved in principal. Chairman, FAD 8, asked to request Dr DK Patel to submit full proposal in format, with proper justification of budget. Member Secretary FAD 8 was requested to send this information to Dr Patel by email with a request to submit full proposal before next meeting o FAD 8.

**2.5** The committee requested all the members to provide suggestive list of national and international events to be participated within a period of 30 days of circulation of minutes, which further will be finalized by Chairperson, FAD 8 in consultation with BIS secretariat.

**2.6** The Chairperson, FAD 8 requested all the members to suggest scientific journals and periodicals to be subscribed for the undertaking standardization in the field of food additives, within a period of 30 days of circulation of minutes, which further will be finalized by Chairperson, FAD 8 in consultation with BIS secretariat.

**2.7** The committee noted the information mentioned at 2.6 of agenda. In order to enhance this pool of experts, the committee requested all members to provide an exhaustive list of expert organizations/ industry and individual experts along with their contact details within a period of 30 days of circulation of minutes to the secretariat.

### **ITEM 3 SCOPE, ACTIVITIES & COMPOSITION OF FAD 8**

3.1 In 20<sup>th</sup> meeting of FAD 8, the committee noted the scope and programme of work placed at Annex IV of agenda

### 3.2 Review of the Composition of the Technical Committee, FAD 8

3.2.1 In the 20<sup>th</sup> meeting, the committee deliberated on the Task 714 and Annex V placed at agenda item 3.2 and decided as under:

1. The committee recommended FADC to withdraw the membership of following members:

- a) Consumer Education and Research Centre, Ahmedabad
- b) Office of the Salt Commissioner, Jaipur

2. The committee decided to seek the fresh nominations from following organization:

- a) Bose Institute, Kolkata
- b) Ms. Neha Agrawal from Confederation of Indian Industry, New Delhi
- c) Food Safety and Standards Authority of India, New Delhi (*Fresh nominations received*)
- d) Indian Salts Manufacturers Association, Ahmedabad (*Fresh nominations received*)
- e) Dr. Priti Amritkar from Envirocare Laboratories Private Limited, Thane

3.2.2 In the 20<sup>th</sup> meeting, the committee deliberated on the Task 715 and Annex V placed at agenda item 3.2 and recommended FADC to withdraw the membership of following organizations due to non-participation in three meetings of FAD 8:

- a) Defence Food Research Laboratory, Mysore
- b) Department of Chemical Technology, University of Calcutta
- c) Food Ingredients Manufacturers and Suppliers of India Association, Thane
- d) Grasim Industries Limited, Nagda
- e) Indian Pharmacopoeia Commission, Ghaziabad

## ITEM 4 INDIAN STANDARDS PUBLISHED/ UNDER PUBLICATION

4.1 The committee noted the information given under agenda item 4.1.

*The committee may note*

## ITEM 5 FINALISATION OF DRAFT INDIAN STANDARDS

5.1 The committee noted the information given under agenda item 5.1 and decided to discuss the comments received on the documents in the next meeting of FAD 8. Further, the committee decided that the documents may be sent into publication with the approval of the Chairman, FAD 8 in case no comments are received.

### 5.2 Doc. No. FAD 8 (18327)C Draft Revision of IS 13186 : 1991 Citric acid, food grade – Specification

In 20<sup>th</sup> meeting of FAD 8, the committee deliberated on the agenda item 5.2 and finalized the document for publication by incorporating the following changes:

<b>1. Clause 3.1 Description</b>
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The material shall be in the form of white or colourless, odourless, crystalline solid. The monohydrate effloresces substance in dry air.

## **2. Clause 3.2 Identification Tests**

### **3.2.1 Solubility**

The material is very soluble in water, freely soluble in ethanol and slightly soluble in ether.

**3. The limit for sulphates (Max, 150 ppm) and corresponding test method in line with JECFA.**

**4. The alternate test method for oxalate in line with JECFA.**

## **5.3 Review of IS 9953 : 1981, Glycerol Monostearate – First Revision**

The committee noted the information given under agenda item 5.3 and decided to discuss the comments received on document in next meeting of FAD 8.

## **ITEM 6 DRAFT INDIAN STANDARDS FOR WIDE CIRCULATION**

### **6.1 Review of IS 7224: 2006 Indian Standard for Iodized salt, vacuum evaporated iodized salt and refined iodized salt**

In 20<sup>th</sup> meeting, the committee deliberated on agenda item 6.1 and decided to send the draft revision of IS 7224 in wide circulation for 60 days by incorporating the following changes:

1. The decision of the committee placed at Annex X of agenda of 18<sup>th</sup> meeting.
2. The ICP-OES method placed at agenda item 6.1 for determination of lead and arsenic received from Dr. Priti Amritkar as an alternate method.

### **6.2 Doc: FAD 08(22900)P – Draft Indian Standard on glacial acetic acid, food grade – Specification**

The committee noted the information given under agenda item 6.2 and decided to discuss the comments received on document in next meeting of FAD 8.

### **6.3 Review of IS 1699 : 1995 – Methods of sampling and tests for food colours – Specification (Second revision)**

The committee deliberated on Annex X placed at agenda item 6.3. The committee decided to circulate the document in wide circulation for 60 days for public comments.

### **6.4 Review of IS 594 : 1981 – Salt for fish curing – Specification**

The committee approved the recommendation provided by FAD 8/Panel II placed at agenda item 6.4 and decided to circulate the draft revision of IS 594 in wide circulation for 60 days by incorporating the limits of iodine (15-30 ppm), lead (Max, 2 ppm) and arsenic (Max, 1 ppm).

## **ITEM 7 COMMENTS ON INDIAN STANDARDS**

### **7.1 Comments on IS 16232: 2014, Indian Standard on Iron fortified Iodized Salt (Double Fortified Salt), food grade — Specification**

In 20th meeting, the committee observed that many queries are being received from the manufacturers and BIS labs regarding the test methods given in IS 16232 and decided to constitute a new panel to review the document with following composition:

Sl No.	Name of Organization	Name of Member
1.	Food Safety & Standards Authority of India, New Delhi	a) Ms. Rajni Rathore (Convenor) b) Mr. S Ajay Vino
2.	The Indian Salt Manufacturers' Association, Ahmedabad	a) Mr. Parasmal Nahata b) Mr. Ketan Trivedi c) Dr. K. C. Pathak
3.	Bureau of Indian Standards	a) Sh. Kuldeep Mittal (Member Secretary)

The committee requested the Convenor to organize the first panel meeting to review the document within a month of circulation of the minutes.

#### **ITEM 8 NEW WORK ITEM PROPOSAL**

In 20<sup>th</sup> meeting, the committee considered the proposal received from Kochi Branch Office of BIS on maltodextrins placed at agenda item 8.1. The committee decided to circulate the proposal as preliminary draft (P-Draft) for 21 days among the committee for receiving comments.

#### **ITEM 10 REVIEW OF INDIAN STANDARDS**

The committee noted that the Indian Standards placed under agenda item 10.1 are due for review in 2023-24. The committee decided to reaffirm these Indian Standards while simultaneously requesting the members to examine the standards for proposing any modification, if required. BIS Secretariat was requested to circulate the following Indian Standards to members for providing the comments within a month:

Sl. No	IS Number	IS Title
1.	IS 12014 (Part 1) : 1986	Methods for determination of organic preservatives in foodstuffs: Part 1 benzoic acid and its salts
2.	IS 12014 (Part 2) : 1986	Methods for determination of organic preservatives in foodstuffs: Part 2 propionic acid and its salts
3.	IS 12014 (Part 3) : 1986	Methods for determination of organic preservatives in foodstuffs: Part 3 sorbic acid and its salts

#### **10.2 Review of Pre-2000 Indian Standards**

The committee noted the information given under agenda item 10.2 and observed that total 69 pre-2000 Indian Standards are pending for review. Subsequently, the committee allocated the following 30 pre-2000 Indian Standards to FAD 8/Panel II for review:

<b>S. No</b>	<b>IS Number</b>	<b>Title</b>
1)	IS 4447 : 1994	Sodium benzoate, food grade - Specification ( <i>first revision</i> )
2)	IS 4572 : 2022	Fibre ropes - Polyamide 3-, 4-, 8- and 12- strand ropes ( <i>fifth revision</i> )
3)	IS 4750 : 1996	Sorbitol powder, food grade specification ( <i>first revision</i> )
4)	IS 4818 : 1996	Sorbic acid, food grade - Specification ( <i>first revision</i> )
5)	IS 5055 : 1996	Lecithin, food grade - Specification ( <i>First Revision</i> )
6)	IS 5057 : 1997	Potassium nitrite, food grade - Specification ( <i>first revision</i> )
7)	IS 5058 : 1996	Sodium citrate, food grade - Specification ( <i>first revision</i> )
8)	IS 5191 : 1993	Sodium alginate, food grade specification ( <i>first revision</i> )
9)	IS 5306 : 1996	Sodium carboxymethyl cellulose, food grade - Specification ( <i>second revision</i> )
10)	IS 5342 : 1996	Ascorbic acid, food grade - Specification ( <i>first revision</i> )
11)	IS 5343 : 1996	Butylated hydroxyanisole, food grade - Specification ( <i>first revision</i> )
12)	IS 5345 : 1996	Sodium saccharin, food grade - Specification ( <i>second revision</i> )
13)	IS 5707 : 1996	Agar, food grade - Specification ( <i>first revision</i> )
14)	IS 5708 : 1996	Sodium tartrate, food grade - Specification ( <i>first revision</i> )
15)	IS 5709 : 1997	Calcium saccharin, food grade - Specification ( <i>second revision</i> )
16)	IS 6030 : 1997	Sodium propionate, food grade - Specification ( <i>first revision</i> )
17)	IS 6385 : 1997	Saccharin, food grade - Specification ( <i>second revision</i> )
18)	IS 6793 : 1996	Fumaric acid, food grade - Specification ( <i>first revision</i> )
19)	IS 6794 : 1997	Dodecyl gallate, food grade specification ( <i>first revision</i> )
20)	IS 6796 : 1997	Propyl gallate, food grade specification ( <i>first revision</i> )
21)	IS 6798 : 1997	Octyl gallate, food grade specification ( <i>first revision</i> )
22)	IS 7237 : 1997	Carob bean gum, food grade - Specification ( <i>first revision</i> )
23)	IS 7238 : 1997	Tragacanth gum, food grade specification ( <i>first revision</i> )
24)	IS 7908 : 1997	Sulphur dioxide, food grade specification ( <i>first revision</i> )
25)	IS 9605 : 1992	Alpha - Amylase, food grade - Specification ( <i>first revision</i> )
26)	IS 9970 : 1981	Specification for dicalcium phosphate, food grade
27)	IS 9971 : 1981	Specification for lactic acid, food grade
28)	IS 11911 : 1986	Specification for caffeine, food grade
29)	IS 12408 : 1988	Specification for gum karaya, food grade
30)	IS 13462 : 1992	Ascorbyl, palmitate, food grade - Specification

The committee requested FAD 8/Panel II to hold the next meeting at its earliest to review the above documents.

## **ITEM 11 PANELWISE PROGRESS REPORT**

### **11.1 FAD 8/ Panel I**

The committee noted the information given under agenda item 11.1.

### **11.2 FAD 8/ Panel II**

The committee noted the information given under agenda item 11.2.

**ITEM 12 TIME AND PLACE FOR THE NEXT MEETING**

The next meeting of FAD 8 is decided to be held on 20 November 2023.

**ANNEX- 1**

**ATTENDANCE SHEET**

**Twentieth (20<sup>th</sup>) Meeting of Food Additives Sectional Committee, FAD 08**

**Date: 27<sup>th</sup> July 2023**

**Hybrid Meeting**

<b>Sl. No.</b>	<b>Organization</b>	<b>Representative</b>
1)	<b>CSIR - Indian Institute of Toxicology Research, Lucknow</b>	<b>Dr Yogeshwar Shukla (CHAIRPERSON)</b>
2)	Bose Institute, Kolkata	Prof. Gaurisankar Sa
3)	CSIR - Central Food Technological Research Institute, Mysore	Dr. Aruna Kumar
4)	Confederation of Indian Food Trade and Industry, New Delhi	Dr. Jasvir Singh
5)	Confederation of Indian Industry, New Delhi	Ms Mamta Arora
6)	Consumer Guidance Society of India, Mumbai	Dr. Sitaram Dixit
7)	Food Ingredients Manufacturers and Suppliers of India Association, Thane	Mr. Prakash Sanghvi
8)	Food Safety and Standards Authority of India, New Delhi	1. Ms. Rajni Rathore 2. Mr.. S Ajay Vino 3. Ms Geetika
9)	Indian Salt Manufacturers Association, Ahmedabad	1. Mr.. Bharat Raval 2. Mr.. Amit 3. Mr.. Parasmal Nahata 4. Dr K C Pathak 5. Mr. Ketan Trivedi
10)	Indian Institute of Chemical Technology, Hyderabad	Dr. Ashok Kumar Tiwari Dr Kumaraguru
11)	Protein Foods and Nutrition Development Association of India, Mumbai	Mr. Nikhil Kamat
12)	Roha Dye Chem Private Limited, Mumbai	Mr. Abidin Dhanse
13)	VR Food Tech Private Limited, Mumbai	1) Dr. Ashlesha Parchure 2) Dr. N. Ram
14)	FAD, BIS, New Delhi	Mr. Kuldeep Mittal (Member Secretary, FAD 08)