**BUREAU OF INDIAN STANDARDS**

# RESOLUTIONS

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| **Name of the Committee** | **No. of Meeting** | **Date** | **Time** | **Venue** |
| Animal Feeds and Nutrition Sectional Committee, FAD 5 | 27th | **9 Sep 2024**  **Monday** | **10:30 AM** | **Virtual** |

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| **CHAIRPERSON:**  **Dr. Triveni Dutt**  **(Chairman, FAD 5)**  Director,  ICAR-Indian Veterinary Research Institute (IVRI),  Izzatnagar, Bareilly | **MEMBER SECRETARY:**  **Dr. Nitasha Doger**  Scientist - D  Food & Agriculture Department,  Bureau of Indian Standards, New Delhi |

**RESOLUTIONS TAKEN BY ANIMAL FEEDS AND NUTRITION SECTIONAL COMMITTEE, FAD 5 AS WEB MEETING:**

1. **RESOLUTION FAD 5/ 2024/R-11 –** Designating FAD 5/ Panel 14 as working group

The Committee decided that the Panel for review and preparation of draft revision of IS 11968: 2019 (FAD 5/ Panel 14**)** may be designated as working groups as it is adhoc in nature and constituted for specific task.

1. **RESOLUTION FAD 5/ 2024/R-12 –** Up-dation of panel composition of Expert Panel on test method standards (FAD 5/Panel 13)

The Committee decided to make following updations in the expert panels:

1. To indicate the name of Dr. A Natarajan and Dr. A K Verma as experts in personal capacities in the respective panels where they are representing consequent upon their superannuation from their organizations. .
2. To include the name of Dr. P. Vasan in Expert Panel on poultry feed and related standards (FAD 5/Panel 10) .
3. **RESOLUTION FAD 5/ 2024/R-13 –** Finalization of Wide Circulation **Doc. No. FAD 05 (23752) C, Pig feeds — Specification (*second revision of IS 7472*)**

The Committee endorsed the recommendations of the WG given in the report of the panel provided as Annex IV of the agenda and decided to finalize the WC draft for publication (incorporating agreed changes).

1. **RESOLUTION FAD 5/ 2024/R-14–** Comments received Reliance Industries Limited on IS 11968: 2019, Pet food for dogs and cats - Specification (*first revision*) and IS 1374 : 2024, Chicken feeds — Specification (*fifth revision*) through BIS standards portal (on 22-04-2024)

The Committee decided that the information provided with the proposal is not sufficient and decided to seek further technical data from M/s Reliance Industries Ltd. such as nutrient profile of the product and results of experimental studies/ data on *in vivo* trial of use of ‘green marine microalgal biomass’ in Chicken feed and Pet food for considering their proposal to include this in the list of ingredients in IS 2052: 2023, Compounded feeds for cattle — Specification (fifth revision)

1. **RESOLUTION FAD 5/ 2024/R-15 –** New Work Item Proposals for Standardization: Monocalcium Phosphate, Animal Feed Grade— Specification

The Committee decided to transfer the subject for ‘Monocalcium Phosphate, Animal Feed Grade-Specification’ for formulation of Indian standard from Expert Panel on Cattle Feed and Feed Ingredients (FAD 5/ Panel 11) to Expert Panel on Poultry Feed and related standards (FAD 5/ Panel 10) considering more relevance of the subject in poultry sector. The Committee requested Panel 10 to initiate work on the same in consultation with the proposer (DCP, Rock Base Manufactures Association) for necessary technical inputs.

1. **RESOLUTION FAD 5/ 2024/R-16–** Review of IS 1664: 2002, Mineral Mixtures for Supplementing Cattle Feeds - Specification (Fourth Revision) — Specification

The Committee decided to take up review of IS 1664: 2002, Mineral Mixtures for Supplementing Cattle Feeds - Specification (Fourth Revision) — Specification and and constituted following Working group to review IS 1664: 2002 and submit its recommendation to the committee in three months’ time:

1. Dr. Sunil E. Jadav, IVRI – Convenor
2. Dr. Shashikant Gupta, NDDB CALF
3. Dr. R.S. Masali, CLFMA
4. Nominated representative from NIANP, Bengaluru
5. Nominated representative from, Karnal
6. **RESOLUTION FAD 5/ 2024/R-17 –** Review of 11968:2019, Pet Food for Dogs and Cats —- Specification

The Committee considered that review of IS 11968:2019 is ongoing by the concerned working group and requested the WG to ensure submission of final report with draft revision document by the end of November 2024.

1. **RESOLUTION FAD 5/ 2024/R-18 –** NWIPs on Feed and Feed Ingredients

The committee considered the draft specified requirements recommended by the FAD 5/ Panel 11 for (i) Distiller's Dried Grains with Solubles and (ii) Maize or Corn Silage as Livestock Fodder and requested the convenor of the Panel to provide preliminary draft Indian standards for these two subjects along with necessary background technical documents. The Committee decided that BIS secretariat may then process these drafts for circulation amongst the committee members as P draft with 30 days commenting period with the approval of Chairman FAD 5.

1. **RESOLUTION FAD 5/ 2024/R-19 –** NWIP Algae Biomass (Non-Specified Ingredient) as Animal Feed

The Committee decided to transfer the subject for ‘Algae Biomass (Non-Specified Ingredient) as Animal Feed’ for formulation of Indian standard from Expert Panel on Cattle Feed and Feed Ingredients (FAD 5/ Panel 11) to Expert Panel on Poultry Feed and related standards (FAD 5/ Panel 10) considering more relevance of the subject in poultry sector.

1. **RESOLUTION FAD 5/ 2024/R-20 –** NWIP on Compounded feeds for Sheep & Goat

The Committee considered the preliminary draft prepared by Dr. Randhir Singh Bhatt, CSWRI on ‘Compounded feeds for Sheep’ and requested Dr. Bhatt to provide necessary background technical documents/references based on which the draft has been prepared. The Committee decided that BIS secretariat may then process the draft for circulation amongst the committee members as P draft with 30 days commenting period with the approval of Chairman FAD 5.

The Committee further decided that ‘Compounded feeds for Goat’ may be taken up as a separate subject for standard development and to be deliberated upon in next meeting.

1. **RESOLUTION FAD 5/ 2024/R-21 –**  Review of IS 10672: 1983 Specification for Mineral Mixtures for Supplementing Sheep and Goat Feeds

The Committee considered the draft revision of IS 10672 prepared by Dr. Randhir Singh Bhatt, CSWRI and requested Dr. Bhatt to provide report identifying the changes proposed in the standard along with necessary technical justification/ references. The Committee also decided that inputs from Central Institute for Research on Goats (CIRG) may also be sought on the draft revision before processing the draft for wide circulation

1. **RESOLUTION FAD 5/ 2024/R-22 –** Review of pending Pre-2000 standard related to poultry sector:

The Committee considered the recommendation of the FAD 5/ Panel 10 provided as Annex IV of the agenda for revision of IS 9863:1992 ,Nutrient requirements for poultry and IS 5672 :1992, Mineral mixture for supplementing poultry feeds along with the recommendation from Vimta labs for updations of the test methods. The Committee advised that BIS secretariat may prepare draft revision for these two standards incorporating the suggested changes and process these drafts for wide circulation with 60 days commenting period with the approval of Chairman FAD 5.

The Committee considered the recommendation of the panel to retain the existing specified values in IS 1942: 1968, Specification for bone - meal as poultry feed supplement, IS 4307 : 1983, Specification for fish meal as poultry feed ingredient, IS 5065 : 1986, Specification for meat meal as poultry feed ingredient, IS 6107 : 1971, Specification for dried silk worm pupae as poultry feed and IS 7060 : 1973, Specification for blood meal as poultry feed and decided to revise these standard for updations of test methods only. The Committee advised that BIS secretariat may prepare draft revision for these standards incorporating the changes suggested by Vimta labs and process these drafts for wide circulation with 60 days commenting period with the approval of Chairman FAD 5.

1. **RESOLUTION FAD 5/ 2024/R-23 –** Standards Due for Review as per 5 Yearly Review Criteria

The Committee reviewed the list of Indian standards due for Review as per 5 Yearly Review Criteria during 2024-25 and decided as follows:

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| **Sl No.** | **IS No.** | **Title** | **Decision of the Committee** |
|  | IS 10672 : 1983 | Specification for mineral mixtures for supplementing sheep and goat feeds | To reaffirm and revise  (revision under progress) |
|  | IS 14275 : 1995 | Technical requirements for urea molasses liquid drought feed for cattle | To reaffirm and revise  (revision under progress) |
|  | IS 1942 : 1968 | Specification for bone — Meal as poultry feed supplement (*first revision*) | To reaffirm and revise. (revision under progress) |
|  | IS 4307 : 1983 | Specification for fish meal as livestock feed ingredient (*second revision*) | To reaffirm and revise  (revision under progress) |
|  | IS 5672 : 1992 | Mineral mtxtures for supplementing poultry feeds — Specification (*first revision*) | To reaffirm and revise  (revision under progress) |
|  | IS 6107 : 1971 | Specification for dried silk worm pupae as livestock feed | To reaffirm and revise  (revision under progress) |
|  | IS 7060 : 1973 | Specification for blood meal as livestock feed | To reaffirm and revise  (revision under progress) |
|  | IS 7874 (Part 1) : 1975 | Methods of tests for animal feeds and feeding stuffs: Part 1 General methods | To reaffirm and revise |
|  | IS 7874 (Part 2) : 1975 | Methods of tests for animal feeds and feeding stuffs: Part 2 Minerals and trace elements | To reaffirm and revise |
|  | IS 7874 (Part 3) : 2020 | Methods of Tests for Animal Feeds and Feeding Stuffs Part 3 Microbiological Methods (*first revision* ) | To reaffirm  (The Committee considered that the standard is relatively new and no comments have been received on the standard) |