

BUREAU OF INDIAN STANDARDS

Program of Work

FAD 5 : Animal Feeds and Nutrition

Scope: Standardization in the field of – a) Animal feedstuffs, mineral mixtures, compounded feeds and feed supplements. b) Physical, chemical and microbiological methods of analysis Liaison: ISO TC-34 SC-10 (P): Animal Feeding Stuffs

Liaison: **ISO TC-191 (O): ISO TC-34 SC-10 (P): Animal feeding stuffs**

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10672 : 1983 <i>Reviewed In : 2019</i>	Specification for mineral mixtures for supplementing sheep and goat feeds	December, 2019	3	Indigenous
2	IS 10741 : 1983 <i>Reviewed In : 2024</i> Decision taken to Reaffirm and Archive	Specification for ambadi (Hibiscus Cannabinus) cake as livestock feed ingredient	March, 2024	1	Indigenous
3	IS 11586 : 2022	Malt Sprouts as Livestock Feed Ingredient $i_{c,1/2}$ Specification		-	Indigenous
4	IS 11968 : 2019 <i>Reviewed In : 2024</i>	Pet food for dogs and cats - Specification (First Revision)	May, 2024	-	Indigenous
5	IS 12829 : 1989 <i>Reviewed In : 2019</i>	Mango seed kernel (Solvent Extracted) as livestock feed ingredient - Specification	December, 2019	-	Indigenous
6	IS 13398 : 1992 <i>Reviewed In : 2022</i> Reaffirmed but not taken up for revision	Alga spirulina, feed grade - Specification	November, 2022	-	Indigenous
7	IS 13433 (Part 1) : 1992 ISO 6490-1 <i>Reviewed In : 2022</i> <i>ISO 6490-1:1985</i>	Animal feeds and feeding stuffs - Determination of calcium Part 1 Titrimetric Method	November, 2022	-	Modified/Technically Equivalent
8	IS 13451 : 1992 <i>Reviewed In : 2022</i>	Urea molasses block as ruminant feed supplement - Specification	November, 2022	-	Indigenous
9	IS 1374 : 2024	Chicken Feeds - Specification (Sixth Revision)		-	Indigenous
10	IS 1374 : 2007 <i>Reviewed In : 2021</i>	Poultry feeds - Specification (Fifth Revision)	March, 2021	1	Indigenous
11	IS/ISO 13903 : 2005 <i>Reviewed In : 2021</i> <i>ISO 13903 : 2005</i>	Animal feeding stuffs - Determination of amino acids content	March, 2021	-	Identical under single numbering
12	IS/ISO 13904 : 2016 ISO 13904 : 2016	ANIMAL FEEDING STUFFS DETERMINATION OF		-	Identical under single numbering

	ISO 13904 : 2016	TRYPTOPHAN CONTENT			
13	IS 14275 : 1995 Reviewed In : 2019	Technical requirements for urea molasses liquid drought feed for cattle	December, 2019	-	Indigenous
14	IS 14325 : 2013 Reviewed In : 2023	Bypass protein feed for cattle - Specification (First Revision)	May, 2023	-	Indigenous
15	IS 14702 : 2022	Solvent Extracted Undecorticated Sunflower Oilcake as Livestock Feed Ingredient $i_{1/2}$ Specification		-	Indigenous
16	IS/ISO 14718 : 1998 Reviewed In : 2021 ISO 14718 : 1998	Animal feeding stuffs - Determination of aflatoxin B1 content of mixed feeding stuffs - Method using high-performance liquid chromatography	March, 2021	-	Identical under single numbering
17	IS 14826 : 2021 ISO 5985:2002 ISO 5985:2002	ANIMAL FEEDING STUFFS DETERMINATION OF ASH INSOLUBLE IN HYDROCHLORIC ACID		-	Identical under dual numbering
18	IS 14827 : 2023 ISO 5984: 2022 ISO 5984: 2022	Animal feeding stuffs $i_{1/2}$ Determination of crude ash		-	Identical under dual numbering
19	IS 14828 : 2000 ISO 6491 Reviewed In : 2022 ISO 6491 : 1998	Animal feeding stuff - Determination of total phosphorus content - Spectrophotometric method	March, 2022	-	Identical under dual numbering
20	IS 14829 : 2021 ISO 6495-1 : 2015 ISO 6495-1 : 2015	Animal feeding stuff - Determination of water-soluble chlorides content Part 1 :Titrimetric method		-	Identical under dual numbering
21	IS 14831 : 2021 ISO 6498 : 2012 ISO 6498 : 2012	Animal Feeding Stuff - Guidelines for Sample Preparation		-	Identical under dual numbering
22	IS 14832 : 2000 ISO 6654 Reviewed In : 2022 ISO 6654 : 1991	Animal feeding stuff - Determination of urea	March, 2022	-	Identical under dual numbering
23	IS/ISO 14902 : 2001 Reviewed In : 2021 ISO 14902 : 2001	Animal feeding stuffs - Determination of trypsin inhibitor activity of soya products	March, 2021	-	Identical under single numbering
24	IS 15120 : 2002 ISO 14565 Reviewed In : 2022 ISO 14565 : 2000	Animal feeding stuffs - Determination of vitamin A content - Method using high performance liquid chromatography	March, 2022	-	Identical under dual numbering
25	IS 15121 : 2002 ISO 6869 Reviewed In : 2022 ISO 6869 : 2000	Animal feeding stuffs - Determination of the contents of calcium, copper, iron, magnesium, manganese, potassium, sodium and zinc - Method using atomic absorption spectrometry	March, 2022	-	Identical under dual numbering
26	IS 15948 : 2011 ISO 6867:2000 Reviewed In : 2021 ISO 6867:2000	Animal feeding stuffs - Determination of vitamin E content - Method using high - Performance liquid chromatography	March, 2021	-	Identical under dual numbering
27	IS 15949 : 2012 ISO 7088 :1981 Reviewed In : 2022 ISO 7088 :1981	Fish - Meal - Vocabulary	March, 2022	-	Identical under dual numbering
28	IS 15950 : 2012	Animal feeding stuffs -	March, 2022	-	Identical under dual

	ISO 14181 : 2000 Reviewed In : 2022 ISO 14181 : 2000	Determination of residues of organochlorine pesticides - Gas chromatographic method			numbering
29	IS 15951 : 2012 ISO 14182 : 1999 Reviewed In : 2022 ISO 14182 : 1999	Animal feeding stuffs - Determination of residues of organophosphorus pesticides - Gas chromatographic method	March, 2022	-	Identical under dual numbering
30	IS 15952 : 2012 ISO 14797 : 1999 Reviewed In : 2022 ISO 14797 : 1999	Animal feeding stuffs - Determination of furazolidone content - Method using high-performance liquid chromatography	March, 2022	-	Identical under dual numbering
31	IS 16079 (Part 1) : 2013 ISO/TS 17764-1 Reviewed In : 2023 ISO/TS 17764-1 : 2002	Animal feeding stuffs - Determination of the content of fatty acids: Part 1 preparation of methyl esters	May, 2023	-	Identical under dual numbering
32	IS 16079 (Part 2) : 2013 ISO/TS 17764-2 Reviewed In : 2023 ISO/TS 17764-2 : 2002	Animal feeding stuffs - Determination of the content of fatty acids: Part 2 gas chromatographic method	May, 2023	-	Identical under dual numbering
33	IS 16080 : 2013 ISO 9831 Reviewed In : 2023 ISO 9831 : 1998	Animal feeding stuffs, animal products and faeces or urine - Determination of gross calorific value - Bomb calorimeter method	May, 2023	-	Identical under dual numbering
34	IS 1664 : 2002 Reviewed In : 2022	Mineral mixtures for supplementing cattle feeds - Specification (Fourth Revision)	November, 2022	2	Indigenous
35	IS 1712 : 2022	Cottonseed Oilcake as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
36	IS 1713 : 2022	Decorticated Groundnut Oilcake as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
37	IS 17818 : 2022	CODE OF PRACTICE FOR THE REDUCTION OF AFLATOXIN B1 IN RAW MATERIALS AND SUPPLEMENTAL FEEDING STUFFS FOR MILK PRODUCING ANIMALS		-	Indigenous
38	IS 17901 : 2022 ISO 6497:2002 ISO 6497:2002	Animal feeding stuffs Sampling		-	Identical under dual numbering
39	IS 17902 : 2022 ISO 16472:2006 ISO 16472:2006	Animal feeding stuffs Determination of amylase-treated neutral detergent fibre content ANDF		-	Identical under dual numbering
40	IS 17903 : 2022 ISO 13906:2008 ISO 13906:2008	Animal feeding stuffs Determination of acid detergent fibre ADF and acid detergent lignin ADL contents		-	Identical under dual numbering
41	IS 17904 : 2022 ISO 15914:2004 ISO 15914:2004	Animal feeding stuffs Enzymatic determination of total starch content		-	Identical under dual numbering
42	IS 17905 : 2022 ISO 30024:2009 ISO 30024:2009	Animal feeding stuffs Determination of phytase activity		-	Identical under dual numbering

43	IS 18133 : 2023 ISO 12099 : 2017 ISO 12099 : 2017	Animal feeding stuffs, cereals and milled cereal products $i_c/2$ Guidelines for the application of near infrared spectrometry		-	Identical under dual numbering
44	IS 18136 : 2023 ISO 17180 : 2013 ISO 17180 : 2013	Animal feeding stuffs $i_c/2$ Determination of lysine, methionine and threonine in commercial amino acid products and premixtures		-	Identical under dual numbering
45	IS 18137 : 2023 ISO 6870:2002 ISO 21043-2 : 2018	Animal feeding stuffs $i_c/2$ Qualitative determination of zearalenone		-	Identical under dual numbering
46	IS 18138 : 2023 ISO 6493:2000 ISO 6493:2000	Animal feeding stuffs $i_c/2$ Determination of starch content $i_c/2$ Polarimetric method		-	Identical under dual numbering
47	IS 18141 : 2023 ISO 6655:1997 ISO 6655:1997	Animal feeding stuffs $i_c/2$ Determination of soluble nitrogen content after treatment with pepsin in dilute hydrochloric acid		-	Identical under dual numbering
48	IS 18142 : 2023 ISO 5510:1984 ISO 5510:1984	Animal feeding stuffs $i_c/2$ Determination of available lysine		-	Identical under dual numbering
49	IS 18143 : 2023 ISO 17375 : 2006 ISO 17375 : 2006	Animal feeding stuffs $i_c/2$ Determination of aflatoxin B1		-	Identical under dual numbering
50	IS 18144 : 2023 ISO 17372 : 2008 ISO 17372 : 2008	Animal feeding stuffs $i_c/2$ Determination of zearalenone by immunoaffinity column chromatography and high performance liquid chromatography		-	Identical under dual numbering
51	IS 18521 : 2023 ISO 7485 : 2000 ISO 7485 : 2000	Animal feeding stuffs $i_c/2$ Determination of potassium and sodium contents $i_c/2$ Methods using flame-emission spectrometry		-	Identical under dual numbering
52	IS 18522 : 2023	SOLVENT EXTRACTED MUSTARD AND RAPESEED OILCAKE (MEAL) AS LIVESTOCK FEED INGREDIENT $i_c/2$ SPECIFICATION		-	Indigenous
53	IS 18523 : 2023	Solvent Extracted Soybean Oilcake Meal as Livestock Feed Ingredient $i_c/2$ Specification		-	Indigenous
54	IS 18524 : 2023	WHOLE GRAIN AS LIVESTOCK FEED INGREDIENT $i_c/2$ SPECIFICATION		-	Indigenous
55	IS 18525 : 2023	Guar Korma as Livestock Feed Ingredient $i_c/2$ Specification		-	Indigenous
56	IS 18526 : 2023	PALM KERNEL OILCAKE (EXPELLER PRESSED) AS LIVESTOCK FEED INGREDIENT $i_c/2$ SPECIFICATION		-	Indigenous
57	IS 18527 : 2023 ISO 14183 : 2005 ISO 14183 : 2005	Animal feeding stuffs $i_c/2$ Determination of monensin, narasin and salinomycin contents $i_c/2$ Liquid chromatographic		-	Identical under dual numbering

		method using post-column derivatization			
58	IS 18528 : 2023 ISO 14939 : 2001 ISO 14939 : 2001	Animal feeding stuffs $i_{\frac{1}{2}}$ Determination of carbadox content $i_{\frac{1}{2}}$ Method using high-performance liquid chromatography		-	Identical under dual numbering
59	IS 19033 : 2023	GUAR CHUNI AS LIVESTOCK FEED INGREDIENT $i_{\frac{1}{2}}$ SPECIFICATION		-	Indigenous
60	IS 1932 : 2022	Mustard and Rapeseed Oilcake as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
61	IS 1934 : 2016 Reviewed In : 2021	Sesamum oilcake as livestock feed ingredient - Specification (Second Revision)	April, 2021	-	Indigenous
62	IS 1935 : 2022	Linseed Oilcake as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
63	IS 1942 : 1968 Reviewed In : 2019	Specification for bone - Meal as Poultry feed supplement (First Revision)	December, 2019	3	Indigenous
64	IS 2052 : 2023	Compounded feeds for cattle $i_{\frac{1}{2}}$ Specification		-	Indigenous
65	IS 2052 : 2009 Reviewed In : 2019	Compounded feeds for cattle - Specification (Fourth Revision)	December, 2019	5	Indigenous
66	IS 2151 : 2022	Maize Germ Oilcake as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
67	IS 2152 : 2013 Reviewed In : 2023	Maize gluten as livestock feed ingredient - Specification (Second Revision)	May, 2023	-	Indigenous
68	IS 2153 : 2022	Maize Bran as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
69	IS 2154 : 2014 Reviewed In : 2024	Coconut oilcake as livestock feed ingredient - Specification (Third Revision)	March, 2024	-	Indigenous
70	IS 2239 : 2022	Wheat Bran as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
71	IS 3160 : 2022	Tur Chuni as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
72	IS 3161 : 2022	Gram Chuni as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
73	IS 3163 : 2022	Rice Polish as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
74	IS 3440 : 1985 Reviewed In : 2019	Specification for solvent extracted linseed oilcake (Meal) as livestock feed ingredient (First Revision)	December, 2019	1	Indigenous
75	IS 3441 : 2022	Solvent Extracted Groundnut Oil Cake as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
76	IS 3592 : 1985 Reviewed In : 2019	Specification for solvent extracted decorticated cottonseed oilcake (Meal) as livestock feed ingredient (Second Revision)	December, 2019	2	Indigenous
77	IS 3593 : 2022	Solvent Extracted Rice Bran (DeOiled Rice Bran) as Livestock Feed Ingredient $i_{\frac{1}{2}}$ Specification		-	Indigenous
78	IS 3648 : 1975 Reviewed In : 2019	Specification for rice bran as livestock feed (First Revision)	December, 2019	1	Indigenous
79	IS 4193 : 2022	Guar Meal as Livestock Feed		-	Indigenous

		Ingredient i_i 1/2 Specification			
80	IS 4307 : 1983 Reviewed In : 2019	Specification for fish meal as livestock feed ingredient (Second Revision)	December, 2019	2	Indigenous
81	IS/ISO 5061 : 2002 Reviewed In : 2021 ISO 5061 : 2002	Animal feeding stuffs - Determination of castor oil seed husks - Microscope method	March, 2021	-	Identical under single numbering
82	IS 5065 : 1986 Reviewed In : 2021	Specification for meat meal as livestock feed ingredient (First Revision)	March, 2021	2	Indigenous
83	IS 5470 : 2002 Reviewed In : 2022	Dicalcium phosphate, animal feed grade - Specification (First Revision)	November, 2022	4	Indigenous
84	IS 5560 : 1970 Reviewed In : 2019	Specification for compounded feeds for young stock	December, 2019	-	Indigenous
85	IS 5654 (Part 1) : 1970 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feeds for laboratory animals: Part 1 rats and mice	March, 2021	-	Indigenous
86	IS 5654 (Part 2) : 1970 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feeds for laboratory animals: Part 2 guinea pigs	March, 2021	-	Indigenous
87	IS 5654 (Part 3) : 1983 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feeds for laboratory animals: Part 3 monkeys	March, 2021	-	Indigenous
88	IS 5672 : 1992 Reviewed In : 2019	Mineral mixtures for supplementing poultry feeds - Specification (First Revision)	December, 2019	3	Indigenous
89	IS 5862 : 2022	Solvent Extracted Nigerseed Oilcake (Meal) as Livestock Feed i_i 1/2 Specification		-	Indigenous
90	IS/ISO 5983-1 : 2005 Reviewed In : 2021 ISO 5983 : PART 1 : 2005	Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content: Part 1 kjeldahl method	March, 2021	-	Identical under single numbering
91	IS/ISO 5983-2 : 2021 ISO 5983-2 : 2009 ISO 5983-2 : 2009	Animal feeding stuffs - Determination of nitrogen content and calculation of crude protein content : Part 2 Block digestion/steam distillation method		-	Identical under single numbering
92	IS 6107 : 1971 Reviewed In : 2019	Specification for dried silk worm pupae as livestock feed	December, 2019	2	Indigenous
93	IS 6242 : 1985 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for solvent extracted undecorticated safflower oilcake as livestock feed ingredient (First Revision)	March, 2024	1	Indigenous
94	IS/ISO 6492 : 1999 Reviewed In : 2021 ISO 6492 : 1999	Animal feeding stuffs - Determination of fat content	March, 2021	-	Identical under single numbering

95	IS/ISO 6496 : 1999 Reviewed In : 2021 ISO 6496 : 1999	Animal feeding stuffs - Determination of moisture and other volatile matter content	March, 2021	-	Identical under single numbering
96	IS/ISO 6865 : 2000 Reviewed In : 2021 ISO 6865 : 2000	Animal feeding stuffs - Determination of crude fibre content - Method with intermediate filtration	March, 2021	-	Identical under single numbering
97	IS/ISO 6866 : 1985 Reviewed In : 2021 ISO 6866 : 1985	Animal feeding stuffs - Determination of free and total gossypol	March, 2021	-	Identical under single numbering
98	IS 7060 : 1973 Reviewed In : 2019	Specification for blood meal as livestock feed	December, 2019	2	Indigenous
99	IS 7472 : 1986 Reviewed In : 2021	Specification for pig feeds (First Revision)	March, 2021	-	Indigenous
100	IS 7874 (Part 1) : 1975 Reviewed In : 2019	Methods of tests for animal feeds and feeding stuffs: Part 1 general methods	December, 2019	2	Indigenous
101	IS 7874 (Part 2) : 1975 Reviewed In : 2019	Methods of tests for animal feeds and feeding stuffs: Part 2 minerals and trace elements	December, 2019	2	Indigenous
102	IS 7874 (Part 3) : 2020	Methods of Tests for Animal Feeds and Feeding Stuffs Part 3 Microbiological Methods (First Revision)	-	-	Indigenous
103	IS 920 : 1972 Reviewed In : 2022	Specification for common salt and cattle licks for animal consumption (First Revision)	November, 2022	2	Indigenous
104	IS 9703 : 1980 Reviewed In : 2019	Glossary of terms for animal feeds and feedingstuffs	December, 2019	-	Indigenous
105	IS 9863 : 1992 Reviewed In : 2022	Nutrient requirements for poultry (First Revision)	November, 2022	-	Indigenous
106	IS 9867 : 1981 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for parboiled rice bran as livestock feed ingredient	March, 2024	1	Indigenous

Standards under Development

Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Preliminary Draft Standards

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	FAD 5 (22003)	COMPOUNDED FEED FOR PREGNANT COWS AND BUFFALOES - SPECIFICATION

Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	FAD 5 (23752)	PIG FEEDS SPECIFICATION

Finalized Draft Indian Standard

Sl. No.	Doc No.	Title
<i>No Records Found</i>		

Finalized Draft Indian Standards under Print

Sl. No.	Doc No.	Title
1	FAD 5 (16680) Revision of: IS 5560:1970	Compounded feeds for young stock Specification
2	FAD 5 (19935)	CALCITE POWDER CaCO ₃ ANIMAL FEED GRADE SPECIFICATION
3	FAD 5 (22002)	COMPOUNDED FEED FOR BUFFALO - SPECIFICATION
4	FAD 5 (23749) Revision of: IS 3440:1985	SOLVENT EXTRACTED LINSEED MEAL DE-OILED CAKE AS LIVESTOCK FEED INGREDIENT SPECIFICATION
5	FAD 5 (23750) Revision of: IS 3592:1985	SOLVENT EXTRACTED DECORTICATED COTTONSEED MEAL DE-OILED CAKE AS LIVESTOCK FEED INGREDIENT SPECIFICATION
6	FAD 5 (23751) Revision of: IS 3648:1975	RICE BRAN AS LIVESTOCK FEED INGREDIENT SPECIFICATION
7	FAD 5 (23753) Revision of: IS 9703:1980	GLOSSARY OF TERMS FOR ANIMAL FEEDS AND FEEDING STUFFS
8	FAD 5 (23755) Revision of: IS 12829:1989	MANGO SEED KERNEL SOLVENT EXTRACTED AS LIVESTOCK FEED INGREDIENT SPECIFICATION
9	FAD 5 (23756) Revision of: IS 13451:1992	UREA MOLASSES BLOCK AS RUMINANT FEED SUPPLEMENT SPECIFICATION
10	FAD 5 (23757) Revision of: IS 13433:1992	ANIMAL FEEDING STUFFS DETERMINATION OF CALCIUM CONTENT PART 1 TITRIMETRIC METHOD

Total Published Standards:95 Total Standards Under development:12

Aspect Wise Report

Product : 55
Code of Practices : 1
Methods of Test : 46
Terminology : 1
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 1
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded

Sl. No.	IS No. & Year	Title
1	IS 10147 : 1982 Reviewed In : 1999	Undecorticated Sunflower Oilcake as Livestock Feed Ingredient
2	IS 10165 : 1982 Reviewed In : 1999	Decorticated Sunflower Oilcake as Livestock Feed Ingredient
3	IS 10657 : 1983 Reviewed In : 1999	Solvent Extracted Soyabean Oilcake Meal as Livestock Feed Ingredient
4	IS 10670 : 1983 Reviewed In : 2004	Virginia Tobacco Seedcake as Livestock Feed Ingredient
5	IS 10671 : 1983 Reviewed In : 2010	Mango Seed Kernels as Livestock Feed Ingredient
6	IS 1291 : 1958	Cattle licks plain and mineralized

7	IS 13399 : 1992 Reviewed In : 2008	Animal Feeds and Feeding Stuffs - Determination of Urea
8	IS 13426 : 1992 Reviewed In : 2022	Animal feeds and feeding stuffs - Methods of sampling for aflatoxin analysis
9	IS 13427 : 1992 ISO 6651 Reviewed In : 2017 ISO 6651 : 1987	Animal feeds and feeding stuffs - Determination of aflatoxin B - 1 content
10	IS 13433 (Part 2) : 1992 ISO 6490-2 Reviewed In : 2017	Animal feeds and feeding stuffs - Determination of calcium Part 2 atomic absorption spectrometric method
11	IS 13574 : 1992 Reviewed In : 2008	Animal Feed and Feeding Stuffs - Determination of Calcium and Magnesium In Mineral Supplements
12	IS 14825 : 2000 ISO 5983 Reviewed In : 2008	Animal Feeding Stuff - Determination of Nitrogen Content and Calculation of Crude Protein Content - Kjeldahl Method
13	IS 14830 : 2000 ISO 6496 Reviewed In : 2008	Animal Feeding Stuff - Determination of Moisture Content
14	IS 1509 : 1972 Reviewed In : 2004	Tapioca as Livestock Feed
15	IS 1510 : 1959	Tapioca Flour for Animal Food
16	IS 1714 : 1960	Methods of sampling and test for oilcakes as livestock feed
17	IS 2503 : 1986 Reviewed In : 1996	Decorticated Safflower Kardi Oilcake as Livestock Feed Ingredient
18	IS 3162 : 1965 Reviewed In : 2009	Gram Husk
19	IS 3198 : 1965 Reviewed In : 2010	Fodder Yeast
20	IS 3591 : 1985 Reviewed In : 2019	Specification for solvent - Extracted coconut oilcake Meal as livestock feed ingredient Second Revision
21	IS 4018 : 1967	Broiler feeds incorporated in IS 1374
22	IS 5063 : 1969 Reviewed In : 2019	Specification for TUR husk
23	IS 5064 : 1980 Reviewed In : 2004	Tapioca Spent Pulp as Livestock Feed
24	IS 6496 : 1972	Precipitated calcium silicate pigments for paints
25	IS 7059 : 1973 Reviewed In : 1999	Solvent Extracted Sal Seed Meal for Feeding Livestock
26	IS 7061 : 1973 Reviewed In : 2004	Calcined Bone Meal as Livestock Feed Supplement
27	IS 9599 : 1980 Reviewed In : 2004	Rubber Seed Cake as Livestock Feed

Annexure-II :List of Indian Product Standards

Sl. No.	IS No. & Year	Title
1	IS 10672 : 1983 Reviewed In : 2019	Specification for mineral mixtures for supplementing sheep and goat feeds
2	IS 10741 : 1983 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for ambadi Hibiscus Cannabinus cake as livestock feed ingredient
3	IS 11586 : 2022	Malt Sprouts as Livestock Feed Ingredient Specification

	ISO 20896-1:2019	
4	IS 11968 : 2019 Reviewed In : 2024	Pet food for dogs and cats - Specification First Revision
5	IS 12829 : 1989 Reviewed In : 2019	Mango seed kernel Solvent Extracted as livestock feed ingredient - Specification
6	IS 13398 : 1992 Reviewed In : 2022 Reaffirmed but not taken up for revision	Alga spirulina feed grade - Specification
7	IS 13451 : 1992 Reviewed In : 2022	Urea molasses block as ruminant feed supplement - Specification
8	IS 1374 : 2024	Chicken Feeds - Specification Sixth Revision
9	IS 14275 : 1995 Reviewed In : 2019	Technical requirements for urea molasses liquid drought feed for cattle
10	IS 14325 : 2013 Reviewed In : 2023	Bypass protein feed for cattle - Specification First Revision
11	IS 14702 : 2022 ISO 10993-9: 2019	Solvent Extracted Undecorticated Sunflower Oilcake as Livestock Feed Ingredient Specification
12	IS 1664 : 2002 Reviewed In : 2022	Mineral mixtures for supplementing cattle feeds - Specification Fourth Revision
13	IS 1712 : 2022	Cottonseed Oilcake as Livestock Feed Ingredient Specification
14	IS 1713 : 2022 ISO 9680:2021	Decorticated Groundnut Oilcake as Livestock Feed Ingredient Specification
15	IS 18522 : 2023	SOLVENT EXTRACTED MUSTARD AND RAPESEED OILCAKE MEAL AS LIVESTOCK FEED INGREDIENT SPECIFICATION
16	IS 18523 : 2023	Solvent Extracted Soybean Oilcake Meal as Livestock Feed Ingredient Specification
17	IS 18524 : 2023	WHOLE GRAIN AS LIVESTOCK FEED INGREDIENT SPECIFICATION
18	IS 18525 : 2023	Guar Korma as Livestock Feed Ingredient Specification
19	IS 18526 : 2023	PALM KERNEL OILCAKE EXPPELLER PRESSED AS LIVESTOCK FEED INGREDIENT SPECIFICATION
20	IS 19033 : 2023	GUAR CHUNI AS LIVESTOCK FEED INGREDIENT SPECIFICATION
21	IS 1932 : 2022	Mustard and Rapeseed Oilcake as Livestock Feed Ingredient Specification
22	IS 1934 : 2016 Reviewed In : 2021	Sesamum oilcake as livestock feed ingredient - Specification Second Revision
23	IS 1935 : 2022 ISO 18310-1 : 2017	Linseed Oilcake as Livestock Feed Ingredient Specification
24	IS 1942 : 1968 Reviewed In : 2019	Specification for bone - Meal as Poultry feed supplement First Revision
25	IS 2052 : 2023	Compounded feeds for cattle Specification
26	IS 2151 : 2022 ISO 16635-1:2013	Maize Germ Oilcake as Livestock Feed Ingredient Specification
27	IS 2152 : 2013 Reviewed In : 2023	Maize gluten as livestock feed ingredient - Specification Second Revision
28	IS 2153 : 2022	Maize Bran as Livestock Feed Ingredient Specification
29	IS 2154 : 2014 Reviewed In : 2024	Coconut oilcake as livestock feed ingredient - Specification Third Revision
30	IS 2239 : 2022 ISO 18310-2 : 2021	Wheat Bran as Livestock Feed Ingredient Specification

31	IS 3160 : 2022 ISO 28057: 2019	Tur Chuni as Livestock Feed Ingredient Specification
32	IS 3161 : 2022 ISO 15253:2021	Gram Chuni as Livestock Feed Ingredient Specification
33	IS 3163 : 2022 ISO 8466-1:2021	Rice Polish as Livestock Feed Ingredient Specification
34	IS 3440 : 1985 Reviewed In : 2019	Specification for solvent extracted linseed oilcake Meal as livestock feed ingredient First Revision
35	IS 3441 : 2022	Solvent Extracted Groundnut Oil Cake as Livestock Feed Ingredient Specification
36	IS 3592 : 1985 Reviewed In : 2019	Specification for solvent extracted decorticated cottonseed oilcake Meal as livestock feed ingredient Second Revision
37	IS 3593 : 2022	Solvent Extracted Rice Bran DeOiled Rice Bran as Livestock Feed Ingredient Specification
38	IS 3648 : 1975 Reviewed In : 2019	Specification for rice bran as livestock feed First Revision
39	IS 4193 : 2022 ISO 22665:2012	Guar Meal as Livestock Feed Ingredient Specification
40	IS 4307 : 1983 Reviewed In : 2019	Specification for fish meal as livestock feed ingredient Second Revision
41	IS 5065 : 1986 Reviewed In : 2021	Specification for meat meal as livestock feed ingredient First Revision
42	IS 5470 : 2002 Reviewed In : 2022	Dicalcium phosphate animal feed grade - Specification First Revision
43	IS 5560 : 1970 Reviewed In : 2019	Specification for compounded feeds for young stock
44	IS 5654 (Part 1) : 1970 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feeds for laboratory animals Part 1 rats and mice
45	IS 5654 (Part 2) : 1970 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feeds for laboratory animals Part 2 guinea pigs
46	IS 5654 (Part 3) : 1983 Reviewed In : 2021 Reaffirmed but not taken up for revision	Specification for feeds for laboratory animals Part 3 monkeys
47	IS 5672 : 1992 Reviewed In : 2019	Mineral mxtures for supplementing poultry feeds - Specification First Revision
48	IS 5862 : 2022 ISO 19980:2021	Solvent Extracted Nigerseed Oilcake Meal as Livestock Feed Specification
49	IS 6107 : 1971 Reviewed In : 2019	Specification for dried silk worm pupae as livestock feed
50	IS 6242 : 1985 Reviewed In : 2024 Decision taken to Reaffirm and Archive	Specification for solvent extracted undecorticated safflower oilcake as livestock feed ingredient First Revision
51	IS 7060 : 1973 Reviewed In : 2019	Specification for blood meal as livestock feed
52	IS 7472 : 1986 Reviewed In : 2021	Specification for pig feeds First Revision
53	IS 920 : 1972 Reviewed In : 2022	Specification for common salt and cattle licks for animal consumption First Revision
54	IS 9863 : 1992 Reviewed In : 2022	Nutrient requirements for poultry First Revision
55	IS 9867 : 1981 Reviewed In : 2024 Decision taken to Reaffirm	Specification for parboiled rice bran as livestock feed ingredient

