

BUREAU OF INDIAN STANDARDS

Program of Work

FAD 27 : Pesticide Residues analysis

Scope: Formulate standards on methods of analysis for determination of pesticide residues in soil, water, agricultural and food commodities

Liaison:

Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 10169:1982 Reviewed In : 2024	Methods for determination of carbaryl residues in fruits and vegetable	December, 2024	-	Indigenous
2	IS 10629:1983 Reviewed In : 2024	Methods for determination of aldicarb residues in crops, soil and water	December, 2024	1	Indigenous
3	IS 10630:1983 Reviewed In : 2024	Methods for determination of methyl parathion residues in foods	December, 2024	-	Indigenous
4	IS 11020:1984 Reviewed In : 2024	Methods for determination of carbofuran residues in crops, soil and water	December, 2024	1	Indigenous
5	IS 11021:2004 Reviewed In : 2024	Methods for determination of dimethoate residues in food commodities (First Revision)	December, 2024	-	Indigenous
6	IS 11301:1985 Reviewed In : 2024	Methods for determination of phosalone residues in food commodities	December, 2024	-	Indigenous
7	IS 11374:1985 Reviewed In : 2024	Method for determination of monocrotophos residues in foods	December, 2024	-	Indigenous
8	IS 11380:1985 Reviewed In : 2024	Methods of sampling for determination of pesticide residues in agricultural and food commodities,	December, 2024	2	Indigenous
9	IS 11773:2003 Reviewed In : 2024	Methods for determination of ethion residues in food commodities (First Revision)	December, 2024	-	Indigenous
10	IS 11774:1986 Reviewed In : 2024	Method for determination of dichlorvos residues in food commodities	December, 2024	-	Indigenous
11	IS 12335:1988 Reviewed In : 2024	Method for determination of propoxur residues in food commodities	December, 2024	-	Indigenous
12	IS 12336:1988 Reviewed In : 2024	Method for determination of diazinon residues in food commodities	December, 2024	-	Indigenous
13	IS 12365:1988 Reviewed In : 2024	Method for determination of chlorpyrifos residues in food commodities	December, 2024	-	Indigenous

14	IS 12609:1989 Reviewed In : 2024	Pesticides - Determination of residues in foods - Fenthion	December, 2024	-	Indigenous
15	IS 12610:1989 Reviewed In : 2024	Pesticides - Determination of residues in foods - Phosphamidon	December, 2024	-	Indigenous
16	IS 12611:1989 Reviewed In : 2024	Pesticides - Determination of residues in foods and water - Endosulfan	December, 2024	-	Indigenous
17	IS 12616:1989 Reviewed In : 2024	Pesticide residues in food scypermethrin, deltamethrin, fenvalerate and permethrin - Method for determination	December, 2024	-	Indigenous
18	IS 13829:1993 Reviewed In : 2024	Pesticide - Method for determination of residues in agricultural and food commodities, soil and water - Atrazine and simazine	December, 2024	-	Indigenous
19	IS 13830:1993 Reviewed In : 2024	Pesticide - Method for determination of residues in agricultural and food commodities, soil and water - Captafol	December, 2024	-	Indigenous
20	IS 13831:1993 Reviewed In : 2024	Pesticide - Method for determination of residues in agricultural and food commodities, soil and water - Acephate and its toxic metabolite, methamidofos	December, 2024	-	Indigenous
21	IS 13832:1993 Reviewed In : 2024	Pesticide - Method for determination of residues in agricultural and food commodities, soil and water - Dithiocarbamates	December, 2024	-	Indigenous
22	IS 14161:1994 Reviewed In : 2024	Pesticide - Determination of metalaxyl residues in agricultural, food commodities, soil and water	December, 2024	-	Indigenous
23	IS 14162:1994 Reviewed In : 2024	Pesticide - Determination of fosetylAl residues in agricultural and food commodities	December, 2024	-	Indigenous
24	IS 14311:1995 Reviewed In : 2024	Determination of lindane (Gammabhc) residues in agricultural and food commodities	December, 2024	-	Indigenous
25	IS 14437:1997 Reviewed In : 2024	Method for determination of quinalphos residues in agricultural and food commodities	December, 2024	-	Indigenous
26	IS 14626:1999 Reviewed In : 2024	Method for determination of total bromide residues in grains and food commodities fumigated with methyl bromide	December, 2024	-	Indigenous
27	IS 14627:1999 Reviewed In : 2024	Method for determination of carbendazim residues in agriculture and food commodities	December, 2024	-	Indigenous
28	IS 14628:1999 Reviewed In : 2024	Method for determination of chlorinated pesticide residues in agricultural and food commodities by multiple residues technique	December, 2024	-	Indigenous
29	IS 14629:1999 Reviewed In : 2024	Method for determination of dicofol residues in agricultural and food commodities	December, 2024	-	Indigenous
30	IS 14857:2000 Reviewed In : 2024	Method for determination of 2, 4 - D residues in agricultural and food commodities	December, 2024	-	Indigenous
31	IS 14913:2001	Method for determination of	December, 2023	-	Indigenous

	Reviewed In : 2023	synthetic pyrethroids in agricultural and food commodities			
32	IS 14914:2001 Reviewed In : 2023	Method for determination of phorate residues in agriculture and food commodities, soil and water	December, 2023	-	Indigenous
33	IS 14922:2001 Reviewed In : 2023	Multiresidue methods for the determination of organophosphorus compounds (Monocrotophos, Anilofos, Phosalone, Temephos, Isazophos, Triazophos And Chlorpyrifos)	December, 2023	-	Indigenous
34	IS 15669:2006 ISO 10695 Reviewed In : 2023 ISO 10695:2000	Water quality - Determination of selected organic nitrogen and phosphorus compounds - Gas chromatographic method	December, 2023	-	Identical under dual numbering
35	IS 15670:2006 ISO 6468 Reviewed In : 2023 ISO 6468:1996	Water quality - Determination of certain organochlorine insecticides: 1996 polychlorinated biphenyls and chlorobenzenes - Gas chromatographic method after liquid - Liquid extraction	December, 2023	-	Identical under dual numbering
36	IS 18601:2024	Determination of Dithiocarbamate Pesticide Residues in Fruits and Vegetables $i_c/2$ Method of Test		-	Indigenous
37	IS 5863:1985 Reviewed In : 2024	Methods for determination of malathion residues in food commodities (First Revision)	December, 2024	1	Indigenous
38	IS 5864:1983 Reviewed In : 2024	Methods for determination of DDT residues in food commodities (First Revision)	December, 2024	1	Indigenous
39	IS 5952:1970 Reviewed In : 2024	Method for determination of parathion residues	December, 2024	-	Indigenous
40	IS 6169:1983 Reviewed In : 2024	Methods for determination of BHC (HCH) residues in food commodities (First Revision)	December, 2024	-	Indigenous

Standards under Development

Projects Approved

Sl. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards

Sl. No.	Doc No.	Title
1	FAD 27 (25132)	Method for Determination of Polar Pesticides in Foods or Raw Commodities of Plant Origin by Liquid Chromatography-Triple Quadrupole Mass Spectrometry
2	FAD 27 (25133)	METHOD FOR DETERMINATION OF PESTICIDE RESIDUES IN MILK AND MILK PRODUCTS BY GC-MSMS AND LC MSMS
3	FAD 27 (27210)	Determination of Pesticide Residues in Fruits and Vegetables by GC-MSMS and LC MSMS Method of Test
4	FAD 27 (28643)	METHOD FOR DETERMINATION OF RESIDUES OF PESTICIDES IN SPICE BY GC-MSMS AND LC MSMS

Drafts Standards in WC Stage

Sl. No.	Doc No.	Title
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No Records Found

Draft Standards Completed WC Stage		
Sl. No.	Doc No.	Title
1	FAD 27 (27080)	Determination of Paraquat and Diquat Herbicide residues in Raw Foods Commodities of Plant Origin by Liquid Chromatography-Triple Quadrupole Mass Spectrometry Method of Test

Finalized Draft Indian Standard		
Sl. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
Sl. No.	Doc No.	Title
1	FAD 27 (27088) Revision of: IS 11380:1985	Pesticide Residues Analysis in Agricultural and Food Commodities Method of Sampling

Total Published Standards:39 Total Standards Under development:6
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Aspect Wise Report
Product : 0
Code of Practices : 0
Methods of Test : 40
Terminology : 0
Dimensions : 0
System Standard : 0
Safety Standard : 0
Others : 0
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded		
Sl. No.	IS No. & Year	Title
No Records Found		

Annexure-II :List of Indian Product Standards		
Sl. No.	IS No. & Year	Title
No Records Found		