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Pesticide Formulation and Residue Analytical Centre

National Institute of Plant Health Management

Department of Agriculture & Farmers Welfare
Ministry of Agriculture & Farmers Welfare, Government of India
Rajendra Nagar, Hyderabad – 500 030

राव स्वप्र सं
NIPHM

TEST REPORT

Report No.	75/CUS/202507	Report Date (dd/mm/yyyy)	11.07.2025

Customer Name & Address	L. Venkataramana Naidu Nagole, Hanuman Nagar, Ranga Reddy district– 500068 Telanagana	Laboratory Code	PRA/25/07/75
		Customer sample ID	-
		Customer Ref No.	Contact No : 9866041417

Sample Details:

Sample Name:	Rice sample	Sample Received Date : 05.07.2025
Quantity:	~1 kg	Date of Analysis Started : 07.07.2025
Description:	Rice sample	Date of Completion of Analysis : 10.07.2025
Method of Analysis	Validated based on QuEChERS method (AOAC Official method 2007. 01, final action 2013)	Packing details: Polythene cover
Any other Information:		

1. List of Pesticide Analyzed (Annexure I)

2. Test Result of the detected pesticides

Sl. No.	Name of Test/Residue	Result (mg/Kg)	MRL (mg/Kg)	Equipment/Technique Used
1.	ND	-	-	GC-MS/MS & LC-MS/MS

ND: Not Detected, MRL: maximum residue level, LOQ: 0.01 mg/Kg. LC-MS/MS- Liquid Chromatograph with Tandem Mass Spectrometer [Waters: UPLC –Acquity, Mass-TQD], GC-MS/MS- Gas Chromatograph with Tandem Mass Spectrometer [Agilent Technologies: GC-7890A, Mass-MS 7000].

AUTHORISED SIGNATORY

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Rajendranagar, Hyderabad-500 030, Telangana

******** End of Test Report ********

Note:

1. Sample <~~drawn~~/ not drawn> by Pesticide Formulation and Residue Analytical Centre, National Institute of Plant Health Management, Hyderabad.
2. The test report relates only to the sample(s) tested in the laboratory.
3. The test report shall not be reproduced, without written approval of the Pesticide Formulation and Residue Analytical Centre, National Institute of Plant Health Management, Hyderabad, whether partial or full

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Annexure I

List of Pesticides analyzed by LC-MS/MS

Sl. No.	Name of the Pesticide	Sl. No.	Name of the Pesticide	Sl. No.	Name of the Pesticide
1	Acephate	29	Fenpyroximate	57	Omethoate
2	Acetamiprid	30	Flubendamide	58	Paclobutrazole
3	Azoxystrobin	31	Flufenoxuron	59	Penconazole
4	Benalaxyl	32	Fluopicolide	60	Pencyuron
5	Benalaxyl-M	33	Fluopyram	61	Phosmet
6	Bendiocarb	34	Flusilazole	62	Pretilachlor
7	Bensulfuron methyl	35	Hexazinone	63	Propanil
8	Bitertenol	36	Hexythiazox	64	Propoxur
9	Buprofezin	37	Imidacloprid	65	Pyraclostrobin
10	Carbaryl	38	Indoxacarb	66	Pyriproxyfen
11	Carbendazim	39	Iprobenfos	67	Simazine
12	Carbofuran	40	Iprovalicarb	68	Spinosad A
13	Carbofuran-3-Hydroxy	41	Isoproturon	69	Spinosad D
14	Carboxin	42	Kresoxim methyl	70	Tebuconazole
15	Chlorantraniliprole	43	Linuron	71	Thiacloprid
16	Chlorpropham	44	Lufenuron	72	Thiamethoxam
17	Clothianidin	45	Malathion	73	Thiobencarb
18	Cymoxanil	46	Malaxon	74	Thiodicarb
19	Demeton-S-methyl-sulfone	47	Mandipropamid	75	Thiophanate methyl
20	Difenconazole	48	Mesosulfuron methyl	76	Triadimefon
21	Dimethoate	49	Metalaxyl	77	Triallate
22	Dimethomorph	50	Methamidophos	78	Tricyclazole
23	Dinotefuron	51	Methomyl	79	Trifloxystrobin
24	Diuron	52	Metolachlor		
25	Emamectin Benzoate	53	Metribuzin		
26	Fenamidone	54	Monocrotophos		
27	Fenobucarb	55	Myclobutanil		
28	Fenoxaprop- ethyl	56	Novaluron		

List of Pesticides analyzed by GC-MS/MS

Sl. No.	Name of the Pesticide	Sl. No.	Name of the Pesticide	Sl. No.	Name of the Pesticide
1	Alpha-HCH	34	Cypermethrin-4	66	Isoprothiolane
2	2,4'-DDD	35	Cypermethrin-2	67	Lambda-cyhalothrin
3	2,4'-DDE	36	Cypermethrin-3	68	Parathion-ethyl
4	2,4-DDT	37	Cypermethrin-4	69	Parathion-methyl
5	4,4'-DDD	38	Delta- HCH	70	Pendimethalin
6	4,4'- DDE	39	Diazinon	71	Permethrin-1
7	4,4'- DDT	40	Dichlorvos	72	Permethrin-2
8	Alachlor	41	Diclofop-methyl	73	Phenol-4-bromo-2-chloro
9	Aldrin	42	Dicofol	74	Fluroxy, 1-methyl heptyl ester
11	Anilofos	43	Dieldrin	75	Gamma- HCH (lindane)
12	Atrazine	44	Diflubenzuron	76	Heptachlor
13	Beta-cyfluthrin	45	Diflufenican	77	Hexaconazole
14	Beta- HCH	46	Dimefluthrin	78	Phorate
15	Bifenazate	47	Edifenphos	79	Phorate sulfone
16	Bifenthrin	48	Endosulfan sulfate	80	Phorate suloxide

17	Boscalid	49	Endosulfan-alpha	81	Phosalone
18	Bromuconazole-II	50	Endosulfan-beta	82	Pirimiphos-methyl
19	Butachlor	51	Endrin	83	Profenofos
20	Captan	52	Epoxiconazole	84	Propaquizafop
21	Chlorfenapyr	53	Esfenvalerate	85	Propargite
22	Chlorfenvinphos	54	Ethion	86	Quinalphos
23	Chlorobenzilate	55	Ethofenprox	87	Quizalofop-p-ethyl
24	Chlorothalonil	56	Etoxazole	88	Spiromesifen
25	Chlorpyrifos	57	Fenarimol	89	Tau-fluvalinate-1
26	Chlorpyrifos-methyl	58	Fenitrothion	90	Tau-fluvalinate-2
27	Clomazone	59	Fenpropathrin	91	Tebufenpyrad
28	Cyfluthrin-1	60	Fenthion	92	Transfluthrin
29	Cyfluthrin-2	61	Fenvalerate	93	Triazophos
30	Cyfluthrin-3	62	Fipronil	94	Trifluralin
31	Cyfluthrin-4	63	Fipronil-sulfone	95	Isoprothiolane
32	Cypermethrin alpha	64	Fluazifop-p-butyl		
33	Cypermethrin-1	65	Fluchloralin		