



CENTRAL POLLUTION CONTROL BOARD
HEAD OFFICE - DELHI
Parivesh Bhavan, East Arjun Nagar, Delhi - 110032



TC-7723

Trace Organics Laboratory
Organophosphorus Pesticides Analysis Report

ULR No: TC772324400000003F

1.	Report No. & Date of Issue	:	TOL/2324/OPPS/00021,02/02/2024
2.	Report sent to (Name, Mobile no. & Address of Indentor)	:	DH of WQM-II
3.	Samples Registration No. & Date	:	TOL/OPPS/2324/SR00015,26/12/2023
4.	Analysis Request Division/Organization	:	WQM-II
5.	Sample Collected by	:	Mr. Rakesh Ahuja, Ravindra
6.	Sampling Plan Preference	:	
7.	Sample Sealing Status	:	Not-Sealed
8.	Date & Time of Sample Receipt	:	26/12/2023 12:31 PM
9.	Sample Analysis Period	:	28/12/2023 08/01/2024
10.	Sample Details	:	Drain
11.	Report Status	:	Final

Sr. No	Field Code	Parameter Name	Date of Sample Collection	Sample Matrix	Unit	Result value
1	JM-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
2	JM-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
3	JM-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
4	JM-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
5	JM-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
6	JR-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
7	JR-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
8	JR-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
9	JR-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
10	JR-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
11	BL-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
12	BL-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
13	BL-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
14	BL-5	Malathion	21/12/2023	Waste Water	µg/L	0.257
15	BL-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
16	LB-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
17	LB-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
18	LB-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
19	LB-5	Malathion	21/12/2023	Waste Water	µg/L	0.488
20	LB-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
21	DH-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
22	DH-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
23	DH-5	Ethion	21/12/2023	Waste Water	µg/L	BDL



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24	DH-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
25	DH-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
26	KG-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
27	KG-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
28	KG-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
29	KG-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
30	KG-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
31	DL-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
32	DL-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
33	DL-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
34	DL-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
35	DL-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
36	DR-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
37	DR-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
38	DR-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
39	DR-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
40	DR-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
41	CL-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
42	CL-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
43	CL-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
44	CL-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
45	CL-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
46	CR-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
47	CR-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
48	CR-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
49	CR-5	Malathion	21/12/2023	Waste Water	µg/L	0.298
50	CR-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL
51	PB-5	Chlorpyrifos	21/12/2023	Waste Water	µg/L	BDL
52	PB-5	Dimethoate	21/12/2023	Waste Water	µg/L	BDL
53	PB-5	Ethion	21/12/2023	Waste Water	µg/L	BDL
54	PB-5	Malathion	21/12/2023	Waste Water	µg/L	BDL
55	PB-5	Methyl Parathion	21/12/2023	Waste Water	µg/L	BDL

BDL : Below Deduction Limit

Remarks (if any) :

Statement :

1. The results relate only to the samples tested.
2. The report shall not be reproduced except in full, without the written approval of the laboratory.

Analyst

Supervisor & Reviewer

Issued By(DH TOL-Lab)



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Charu Sharma

Bhupander Kumar

Sanjay Kumar

Doc: CB/CL/QR/7.8/TOL-2	Issue No.:01	Revision No : 08	Issue Date: 12/12/2017	Revision Date: 05/05/2022
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Date: 13 Feb 2024

This is a computer-generated Report. No signature is required.

Parameter Name	Test Method	Unit	Limit of Detection	Uncertainty of Measurement
Chlorpyrifos	USEPA Method 8141B : 2007	µg/L	0.126	±0.047 µg/L @ 0.43 µg/L
Dimethoate	USEPA Method 8141B : 2007	µg/L	0.125	±0.068 µg/L @ 0.36 µg/L
Ethion	USEPA Method 8141B : 2007	µg/L	0.125	±0.048 µg/L @ 0.35 µg/L
Malathion	USEPA Method 8141B : 2007	µg/L	0.127	±0.084 µg/L @ 0.42 µg/L
Methyl Parathion	USEPA Method 8141B : 2007	µg/L	0.123	±0.100 µg/L @ 0.44 µg/L