



**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: TC77232440000007F**

1. Report No. & Date of Issue : TOL/2324/OPPS/00025,09/02/2024
2. Report sent to : DH of WQM-II  
(Name, Mobile no. & Address of Indentor)
3. Samples Registration No. & Date : TOL/OPPS/2324/SR00016,28/12/2023
4. Analysis Request Division/Organization : WQM-II
5. Sample Collected by : Sh. Ashwini Kumar Singh, Muktesh Chaudhari, SRF
6. Sampling Plan Preference :
7. Sample Sealing Status : Not-Sealed
8. Date & Time of Sample Receipt : 01/01/2024 10:58 AM
9. Sample Analysis Period : 01/01/2024 08/01/2024
10. Sample Details :
11. Report Status : Final

Sr. No	Field Code	Parameter Name	Date of Sample Collection	Sample Matrix	Unit	Result value
1	8P	Chlorpyrifos	27/12/2023	Waste Water	µg/L	0.200
2	8P	Dimethoate	27/12/2023	Waste Water	µg/L	BDL
3	8P	Ethion	27/12/2023	Waste Water	µg/L	BDL
4	8P	Malathion	27/12/2023	Waste Water	µg/L	0.306
5	8P	Methyl Parathion	27/12/2023	Waste Water	µg/L	BDL
6	8P	Phorate	27/12/2023	Waste Water	µg/L	BDL
7	8P	Profenophos	27/12/2023	Waste Water	µg/L	BDL
8	8P	Quinalphos	27/12/2023	Waste Water	µg/L	BDL
9	9P	Chlorpyrifos	27/12/2023	Waste Water	µg/L	BDL
10	9P	Dimethoate	27/12/2023	Waste Water	µg/L	BDL
11	9P	Ethion	27/12/2023	Waste Water	µg/L	BDL
12	9P	Malathion	27/12/2023	Waste Water	µg/L	0.366
13	9P	Methyl Parathion	27/12/2023	Waste Water	µg/L	BDL
14	9P	Phorate	27/12/2023	Waste Water	µg/L	BDL
15	9P	Profenophos	27/12/2023	Waste Water	µg/L	BDL
16	9P	Quinalphos	27/12/2023	Waste Water	µg/L	BDL
17	11P	Chlorpyrifos	27/12/2023	Waste Water	µg/L	BDL
18	11P	Dimethoate	27/12/2023	Waste Water	µg/L	BDL
19	11P	Ethion	27/12/2023	Waste Water	µg/L	BDL
20	11P	Malathion	27/12/2023	Waste Water	µg/L	0.254
21	11P	Methyl Parathion	27/12/2023	Waste Water	µg/L	BDL
22	11P	Phorate	27/12/2023	Waste Water	µg/L	BDL
23	11P	Profenophos	27/12/2023	Waste Water	µg/L	BDL



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24	11P	Quinalphos	27/12/2023	Waste Water	µg/L	BDL
25	12P	Chlorpyrifos	27/12/2023	Waste Water	µg/L	BDL
26	12P	Dimethoate	27/12/2023	Waste Water	µg/L	BDL
27	12P	Ethion	27/12/2023	Waste Water	µg/L	BDL
28	12P	Malathion	27/12/2023	Waste Water	µg/L	0.404
29	12P	Methyl Parathion	27/12/2023	Waste Water	µg/L	BDL
30	12P	Phorate	27/12/2023	Waste Water	µg/L	BDL
31	12P	Profenophos	27/12/2023	Waste Water	µg/L	BDL
32	12P	Quinalphos	27/12/2023	Waste Water	µg/L	BDL
33	13P	Chlorpyrifos	26/12/2023	Waste Water	µg/L	BDL
34	13P	Dimethoate	26/12/2023	Waste Water	µg/L	BDL
35	13P	Ethion	26/12/2023	Waste Water	µg/L	BDL
36	13P	Malathion	26/12/2023	Waste Water	µg/L	0.227
37	13P	Methyl Parathion	26/12/2023	Waste Water	µg/L	BDL
38	13P	Phorate	26/12/2023	Waste Water	µg/L	BDL
39	13P	Profenophos	26/12/2023	Waste Water	µg/L	BDL
40	13P	Quinalphos	26/12/2023	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**

Charu Sharma

**Supervisor & Reviewer**

Bhupander Kumar

**Issued By(DH TOL-Lab)**

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: 09 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
Phorate	USEPA Method 8141B : 2007	µg/L	0.125	±0.096 µg/L @ 0.60 µg/L
Profenophos	USEPA Method 8141B : 2007	µg/L	0.125	±0.078 µg/L @ 0.33 µg/L
Quinalphos	USEPA Method 8141B : 2007	µg/L	0.125	±0.077 µg/L @ 0.38 µg/L