



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



TC-7723

Trace Organics Laboratory
Organochlorine Pesticides Analysis Report

ULR No: TC77232440000004F

| | | | |
|-----|--|---|----------------------------------|
| 1. | Report No. & Date of Issue | : | TOL/2324/OCPS/00022,02/02/2024 |
| 2. | Report sent to (Name, Mobile no. & Address of Indentor) | : | DH of WQM-II |
| 3. | Samples Registration No. & Date | : | TOL/OCPS/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 | : | 26/12/2023 10/01/2024 |
| 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-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 2 | JM-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 3 | JM-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 4 | JM-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 5 | JM-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 6 | JM-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 7 | JM-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 8 | JM-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 9 | JM-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 10 | JM-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 11 | JM-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 12 | JM-6 | γ-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 13 | JR-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 14 | JR-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 15 | JR-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 16 | JR-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 17 | JR-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 18 | JR-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 19 | JR-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 20 | JR-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 21 | JR-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 22 | JR-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 23 | JR-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |



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



TC-7723

Trace Organics Laboratory
Organochlorine Pesticides Analysis Report

ULR No: TC77232440000004F

| | | | | | | |
|----|------|----------------------|------------|-------------|-----------------|--------|
| 24 | JR-6 | γ -HCH | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 25 | BL-6 | Aldrin | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 26 | BL-6 | Dieldrin | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 27 | BL-6 | Heptachlor | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 28 | BL-6 | o,p'-DDT | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 29 | BL-6 | p,p'-DDD | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 30 | BL-6 | p,p'-DDE | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 31 | BL-6 | p,p'-DDT | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 32 | BL-6 | β -Endosulfan | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 33 | BL-6 | α -Endosulfan | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 34 | BL-6 | α -HCH | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 35 | BL-6 | β -HCH | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 36 | BL-6 | γ -HCH | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 37 | LB-6 | Aldrin | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 38 | LB-6 | Dieldrin | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 39 | LB-6 | Heptachlor | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 40 | LB-6 | o,p'-DDT | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 41 | LB-6 | p,p'-DDD | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 42 | LB-6 | p,p'-DDE | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 43 | LB-6 | p,p'-DDT | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 44 | LB-6 | β -Endosulfan | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 45 | LB-6 | α -Endosulfan | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 46 | LB-6 | α -HCH | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 47 | LB-6 | β -HCH | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | 0.5898 |
| 48 | LB-6 | γ -HCH | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 49 | DH-6 | Aldrin | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 50 | DH-6 | Dieldrin | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 51 | DH-6 | Heptachlor | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 52 | DH-6 | o,p'-DDT | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 53 | DH-6 | p,p'-DDD | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 54 | DH-6 | p,p'-DDE | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 55 | DH-6 | p,p'-DDT | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 56 | DH-6 | β -Endosulfan | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 57 | DH-6 | α -Endosulfan | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 58 | DH-6 | α -HCH | 21/12/2023 | Waste Water | $\mu\text{g/l}$ | BDL |
| 59 | DH-6 | β -HCH | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |
| 60 | DH-6 | γ -HCH | 21/12/2023 | Waste Water | $\mu\text{g/L}$ | BDL |



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



TC-7723

Trace Organics Laboratory
Organochlorine Pesticides Analysis Report

ULR No: TC77232440000004F

| | | | | | | |
|----|------|--------------|------------|-------------|------|-----|
| 61 | KG-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 62 | KG-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 63 | KG-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 64 | KG-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 65 | KG-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 66 | KG-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 67 | KG-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 68 | KG-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 69 | KG-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 70 | KG-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 71 | KG-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 72 | KG-6 | γ-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 73 | PB-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 74 | PB-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 75 | PB-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 76 | PB-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 77 | PB-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 78 | PB-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 79 | PB-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 80 | PB-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 81 | PB-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 82 | PB-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 83 | PB-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 84 | PB-6 | γ-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 85 | DL-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 86 | DL-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 87 | DL-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 88 | DL-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 89 | DL-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 90 | DL-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 91 | DL-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 92 | DL-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 93 | DL-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 94 | DL-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 95 | DL-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 96 | DL-6 | γ-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 97 | CL-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |



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



Trace Organics Laboratory
Organochlorine Pesticides Analysis Report

ULR No: TC77232440000004F

| | | | | | | |
|-----|------|--------------|------------|-------------|------|-----|
| 98 | CL-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 99 | CL-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 100 | CL-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 101 | CL-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 102 | CL-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 103 | CL-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 104 | CL-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 105 | CL-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 106 | CL-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 107 | CL-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 108 | CL-6 | γ-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 109 | CR-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 110 | CR-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 111 | CR-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 112 | CR-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 113 | CR-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 114 | CR-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 115 | CR-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 116 | CR-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 117 | CR-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 118 | CR-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 119 | CR-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 120 | CR-6 | γ-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 121 | DR-6 | Aldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 122 | DR-6 | Dieldrin | 21/12/2023 | Waste Water | µg/l | BDL |
| 123 | DR-6 | Heptachlor | 21/12/2023 | Waste Water | µg/L | BDL |
| 124 | DR-6 | o,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 125 | DR-6 | p,p'-DDD | 21/12/2023 | Waste Water | µg/L | BDL |
| 126 | DR-6 | p,p'-DDE | 21/12/2023 | Waste Water | µg/L | BDL |
| 127 | DR-6 | p,p'-DDT | 21/12/2023 | Waste Water | µg/L | BDL |
| 128 | DR-6 | β-Endosulfan | 21/12/2023 | Waste Water | µg/l | BDL |
| 129 | DR-6 | α-Endosulfan | 21/12/2023 | Waste Water | µg/L | BDL |
| 130 | DR-6 | α-HCH | 21/12/2023 | Waste Water | µg/l | BDL |
| 131 | DR-6 | β-HCH | 21/12/2023 | Waste Water | µg/L | BDL |
| 132 | DR-6 | γ-HCH | 21/12/2023 | Waste Water | µg/L | BDL |

BDL : Below Deduction Limit

Remarks (if any) :



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



Trace Organics Laboratory
Organochlorine Pesticides Analysis Report

ULR No: TC772324400000004F

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-1 | Issue No.:01 | Revision No : 08 | Issue Date: 18/12/2017 | Revision Date: 05/05/2022 |
|-------------------------|--------------|------------------|------------------------|---------------------------|

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 |
|----------------|------------------------------|------|--------------------|----------------------------|
| Aldrin | USEPA Method No. 8081B, 2007 | µg/l | 0.100 | ±0.024 µg/L @ 0.21 µg/L |
| Dieldrin | USEPA Method No. 8081B, 2007 | µg/l | 0.100 | ±0.012 µg/L @ 0.16 µg/L |
| Heptachlor | USEPA Method 8081B : 2007 | µg/L | 0.100 | ±0.008 µg/L @ 0.22 µg/L |
| o,p'-DDT | USEPA Method 8081B : 2007 | µg/L | 0.100 | ±0.002 µg/L @ 0.13 µg/L |
| p,p'-DDD | USEPA Method 8081B : 2007 | µg/L | 0.100 | ±0.006 µg/L @ 0.16 µg/L |
| p,p'-DDE | USEPA Method 8081B : 2007 | µg/L | 0.100 | ±0.013 µg/L @ 0.16 µg/L |
| p,p'-DDT | USEPA Method 8081B : 2007 | µg/L | 0.101 | ±0.005 µg/L @ 0.12 µg/L |
| β-Endosulfan | USEPA Method No. 8081B, 2007 | µg/l | 0.102 | ±0.003 µg/L @ 0.21 µg/L |
| α-Endosulfan | USEPA Method 8081B : 2007 | µg/L | 0.101 | ±0.030 µg/L @ 0.22 µg/L |
| α-HCH | USEPA Method No. 8081B, 2007 | µg/l | 0.100 | ±0.025 µg/L @ 0.22 µg/L |
| β-HCH | USEPA Method 8081B : 2007 | µg/L | 0.100 | ±0.007 µg/L @ 0.28 µg/L |
| γ-HCH | USEPA Method 8081B : 2007 | µg/L | 0.100 | ±0.040 µg/L @ 0.38 µg/L |