284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3399 | **OrderDate:** | 10/20/2025 1:23:08 PM |
| **Client:** | ICE Service Group, Inc. | **Project:** | NWIRP Northrup Grumman Site – Bethpage, NY |
| **Contact:** | Dennis D. Morgan, II | **Location:** | D41,VOA Ref. #2 Soil |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3399-01** | **COMP-ROLLOFF** | **SOIL** | | | **10/20/25** | | | **10/20/25** |
| | | | Diesel Range Organics | 8015D | | 10/22/25 | 10/22/25 | |
| | | | Gasoline Range Organics | 8015D | | | 10/21/25 | |
| | | | Herbicide | 8151A | | 10/22/25 | 10/23/25 | |
| | | | PCB | 8082A | | 10/22/25 | 10/22/25 | |
| | | | Pesticide-TCL | 8081B | | 10/22/25 | 10/22/25 | |
| **Q3399-02** | **COMP-ROLLOFF** | **TCLP** | | | **10/20/25** | | | **10/20/25** |
| | | | TCLP Herbicide | 8151A | | 10/22/25 | 10/23/25 | |
| | | | TCLP Pesticide | 8081B | | 10/22/25 | 10/22/25 | |

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Fax : 908 789 8922

# Hit Summary Sheet
## SW-846

**SDG No.:** Q3399 **Order ID:** Q3399

**Client:** ICE Service Group, Inc. **Project ID:** NWIRP Northrup Grumman Site – Be

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | LOD | RDL | Units |
|---|---|---|---|---|---|---|---|---|---|

**Client ID :**

**Total Concentration:** 0.000

# SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/20/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/20/25 |
| Client Sample ID: | COMP-ROLLOFF | SDG No.: | Q3399 |
| Lab Sample ID: | Q3399-01 | Matrix: | SOIL |
| Analytical Method: | 8151A | % Solid: | 89.9 |
| Sample Wt/Vol: | 30.06 g Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | 8151A Prep Date 10/22/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 36.6 | U | 1 | 8.60 | 36.6 | 74.4 | ug/Kg | 10/23/25 11:20 | PB170221 |
| 120-36-5 | DICHLORPROP | 36.6 | U | 1 | 14.2 | 36.6 | 74.4 | ug/Kg | 10/23/25 11:20 | PB170221 |
| 94-75-7 | 2,4-D | 36.6 | U | 1 | 10.0 | 36.6 | 74.4 | ug/Kg | 10/23/25 11:20 | PB170221 |
| 93-72-1 | 2,4,5-TP (Silvex) | 36.6 | U | 1 | 10.1 | 36.6 | 74.4 | ug/Kg | 10/23/25 11:20 | PB170221 |
| 93-76-5 | 2,4,5-T | 36.6 | U | 1 | 9.70 | 36.6 | 74.4 | ug/Kg | 10/23/25 11:20 | PB170221 |
| 94-82-6 | 2,4-DB | 36.6 | U | 1 | 26.9 | 36.6 | 74.4 | ug/Kg | 10/23/25 11:20 | PB170221 |
| 88-85-7 | DINOSEB | 36.6 | U | 1 | 12.0 | 36.6 | 74.4 | ug/Kg | 10/23/25 11:20 | PB170221 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 229 | | | 27 - 122 | | 46% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

# QC SUMMARY

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## Surrogate Summary

**SDG No.:** Q3399

**Client:** ICE Service Group, Inc.

**Analytical Method:** 8151A

| Lab Sample ID | Client ID | Parameter | Column | Spike | Result | Recovery(%) | Qual | Limits(%) Low | Limits(%) High |
|---|---|---|---|---|---|---|---|---|---|
| I.BLK-PS031982.D | PIBLK-PS031982.D | 2,4-DCAA | 1 | 500 | 308 | 62 | | 32 | 138 |
| | | 2,4-DCAA | 2 | 500 | 407 | 81 | | 32 | 138 |
| I.BLK-PS032131.D | PIBLK-PS032131.D | 2,4-DCAA | 1 | 500 | 407 | 81 | | 32 | 138 |
| | | 2,4-DCAA | 2 | 500 | 504 | 101 | | 32 | 138 |
| Q3399-01 | COMP-ROLLOFF | 2,4-DCAA | 1 | 500 | 229 | 46 | | 27 | 122 |
| | | 2,4-DCAA | 2 | 500 | 228 | 46 | | 27 | 122 |
| PB170221BL | PB170221BL | 2,4-DCAA | 1 | 500 | 345 | 69 | | 27 | 122 |
| | | 2,4-DCAA | 2 | 500 | 488 | 98 | | 27 | 122 |
| PB170221BS | PB170221BS | 2,4-DCAA | 1 | 500 | 516 | 103 | | 27 | 122 |
| | | 2,4-DCAA | 2 | 500 | 508 | 102 | | 27 | 122 |
| I.BLK-PS032143.D | PIBLK-PS032143.D | 2,4-DCAA | 1 | 500 | 416 | 83 | | 32 | 138 |
| | | 2,4-DCAA | 2 | 500 | 506 | 101 | | 32 | 138 |
| I.BLK-PS032153.D | PIBLK-PS032153.D | 2,4-DCAA | 1 | 500 | 391 | 78 | | 32 | 138 |
| | | 2,4-DCAA | 2 | 500 | 530 | 106 | | 32 | 138 |
| Q3412-01MS | TP-6MS | 2,4-DCAA | 1 | 500 | 164 | 33 | | 27 | 122 |
| | | 2,4-DCAA | 2 | 500 | 200 | 40 | | 27 | 122 |
| Q3412-01MSD | TP-6MSD | 2,4-DCAA | 1 | 500 | 196 | 39 | | 27 | 122 |
| | | 2,4-DCAA | 2 | 500 | 189 | 38 | | 27 | 122 |
| I.BLK-PS032159.D | PIBLK-PS032159.D | 2,4-DCAA | 1 | 500 | 396 | 79 | | 32 | 138 |
| | | 2,4-DCAA | 2 | 500 | 521 | 104 | | 32 | 138 |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** 8151A

**Client:** ICE Service Group, Inc. **DataFile :** PS032155.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3412-01MS (Column 1)** | **Client Sample ID:** | | **TP-6MS** | | | | | | | | |
| | DICAMBA | 185.7 | 0 | 27.5 | ug/Kg | 15 | * | | | 38 | 132 | |
| | DICHLORPROP | 185.7 | 0 | 25.5 | ug/Kg | 14 | * | | | 28 | 155 | |
| | 2,4-D | 185.7 | 0 | 200 | ug/Kg | 108 | | | | 28 | 144 | |
| | 2,4,5-TP(Silvex) | 185.7 | 0 | 18.0 | ug/Kg | 10 | * | | | 43 | 129 | |
| | 2,4,5-T | 185.7 | 0 | 21.3 | ug/Kg | 11 | * | | | 31 | 138 | |
| | 2,4-DB | 185.7 | 0 | 0 | ug/Kg | 0 | * | | | 34 | 142 | |
| | Dinoseb | 185.7 | 0 | 0 | ug/Kg | 0 | * | | | 57 | 152 | |
| **Lab Sample ID:** | **Q3412-01MS (Column 2)** | **Client Sample ID:** | | **TP-6MS** | | | | | | | | |
| | DICAMBA | 185.7 | 0 | 33.6 | ug/Kg | 18 | * | | | 38 | 132 | |
| | DICHLORPROP | 185.7 | 0 | 17.9 | ug/Kg | 10 | * | | | 28 | 155 | |
| | 2,4-D | 185.7 | 0 | 23.6 | ug/Kg | 13 | | | | 28 | 144 | |
| | 2,4,5-TP(Silvex) | 185.7 | 0 | 44.5 | ug/Kg | 24 | * | | | 43 | 129 | |
| | 2,4,5-T | 185.7 | 0 | 25.6 | ug/Kg | 14 | * | | | 31 | 138 | |
| | 2,4-DB | 185.7 | 0 | 0 | ug/Kg | 0 | * | | | 34 | 142 | |
| | Dinoseb | 185.7 | 0 | 0 | ug/Kg | 0 | * | | | 57 | 152 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** 8151A

**Client:** ICE Service Group, Inc. **DataFile :** PS032156.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3412-01MSD (Column 1)** | **Client Sample ID:** | | **TP-6MSD** | | | | | | | | |
| | DICAMBA | 185.6 | 0 | 27.4 | ug/Kg | 15 | * | 0 | | 38 | 132 | 20 |
| | DICHLORPROP | 185.6 | 0 | 27.2 | ug/Kg | 15 | * | 7 | | 28 | 155 | 20 |
| | 2,4-D | 185.6 | 0 | 200 | ug/Kg | 108 | | 0 | | 28 | 144 | 20 |
| | 2,4,5-TP(Silvex) | 185.6 | 0 | 18.0 | ug/Kg | 10 | * | 0 | | 43 | 129 | 20 |
| | 2,4,5-T | 185.6 | 0 | 20.9 | ug/Kg | 11 | * | 0 | | 31 | 138 | 20 |
| | 2,4-DB | 185.6 | 0 | 0 | ug/Kg | 0 | * | 0 | | 34 | 142 | 20 |
| | Dinoseb | 185.6 | 0 | 0 | ug/Kg | 0 | * | 0 | | 57 | 152 | 20 |
| **Lab Sample ID:** | **Q3412-01MSD (Column 2)** | **Client Sample ID:** | | **TP-6MSD** | | | | | | | | |
| | DICAMBA | 185.6 | 0 | 32.5 | ug/Kg | 18 | * | 0 | | 38 | 132 | 20 |
| | DICHLORPROP | 185.6 | 0 | 20.0 | ug/Kg | 11 | * | 10 | | 28 | 155 | 20 |
| | 2,4-D | 185.6 | 0 | 26.1 | ug/Kg | 14 | | 7 | | 28 | 144 | 20 |
| | 2,4,5-TP(Silvex) | 185.6 | 0 | 45.4 | ug/Kg | 24 | * | 0 | | 43 | 129 | 20 |
| | 2,4,5-T | 185.6 | 0 | 26.3 | ug/Kg | 14 | * | 0 | | 31 | 138 | 20 |
| | 2,4-DB | 185.6 | 0 | 0 | ug/Kg | 0 | * | 0 | | 34 | 142 | 20 |
| | Dinoseb | 185.6 | 0 | 0 | ug/Kg | 0 | * | 0 | | 57 | 152 | 20 |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** 8151A

**Client:** ICE Service Group, Inc. **DataFile :** PS032157.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3412-01MSRE (Column 1)** | **Client Sample ID:** | | **TP-6MSRE** | | | | | | | | |
| | DICAMBA | 185.6 | 0 | 27.2 | ug/Kg | 15 | * | | | 38 | 132 | |
| | DICHLORPROP | 185.6 | 0 | 27.3 | ug/Kg | 15 | * | | | 28 | 155 | |
| | 2,4-D | 185.6 | 0 | 202 | ug/Kg | 109 | | | | 28 | 144 | |
| | 2,4,5-TP(Silvex) | 185.6 | 0 | 17.9 | ug/Kg | 10 | * | | | 43 | 129 | |
| | 2,4,5-T | 185.6 | 0 | 20.8 | ug/Kg | 11 | * | | | 31 | 138 | |
| | 2,4-DB | 185.6 | 0 | 0 | ug/Kg | 0 | * | | | 34 | 142 | |
| | Dinoseb | 185.6 | 0 | 0 | ug/Kg | 0 | * | | | 57 | 152 | |
| **Lab Sample ID:** | **Q3412-01MSRE (Column 2)** | **Client Sample ID:** | | **TP-6MSRE** | | | | | | | | |
| | DICAMBA | 185.6 | 0 | 32.3 | ug/Kg | 17 | * | | | 38 | 132 | |
| | DICHLORPROP | 185.6 | 0 | 21.2 | ug/Kg | 11 | * | | | 28 | 155 | |
| | 2,4-D | 185.6 | 0 | 23.8 | ug/Kg | 13 | | | | 28 | 144 | |
| | 2,4,5-TP(Silvex) | 185.6 | 0 | 45.6 | ug/Kg | 25 | * | | | 43 | 129 | |
| | 2,4,5-T | 185.6 | 0 | 26.6 | ug/Kg | 14 | * | | | 31 | 138 | |
| | 2,4-DB | 185.6 | 0 | 30.6 | ug/Kg | 16 | * | | | 34 | 142 | |
| | Dinoseb | 185.6 | 0 | 0 | ug/Kg | 0 | * | | | 57 | 152 | |

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## Matrix Spike/Matrix Spike Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** 8151A

**Client:** ICE Service Group, Inc. **DataFile :** PS032158.D

| | Parameter | Spike | Sample Result | Result | Units | Rec | Rec Qual | RPD | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Sample ID:** | **Q3412-01MSDRE (Column 1)** | **Client Sample ID:** | | **TP-6MSDRE** | | | | | | | | |
| | DICAMBA | 185.6 | 0 | 27.1 | ug/Kg | 15 | * | | | 38 | 132 | 20 |
| | DICHLORPROP | 185.6 | 0 | 27.6 | ug/Kg | 15 | * | | | 28 | 155 | 20 |
| | 2,4-D | 185.6 | 0 | 204 | ug/Kg | 110 | | | | 28 | 144 | 20 |
| | 2,4,5-TP(Silvex) | 185.6 | 0 | 18.1 | ug/Kg | 10 | * | | | 43 | 129 | 20 |
| | 2,4,5-T | 185.6 | 0 | 21.0 | ug/Kg | 11 | * | | | 31 | 138 | 20 |
| | 2,4-DB | 185.6 | 0 | 0 | ug/Kg | 0 | * | | | 34 | 142 | 20 |
| | Dinoseb | 185.6 | 0 | 0 | ug/Kg | 0 | * | | | 57 | 152 | 20 |
| **Lab Sample ID:** | **Q3412-01MSDRE (Column 2)** | **Client Sample ID:** | | **TP-6MSDRE** | | | | | | | | |
| | DICAMBA | 185.6 | 0 | 32.4 | ug/Kg | 17 | * | | | 38 | 132 | 20 |
| | DICHLORPROP | 185.6 | 0 | 22.1 | ug/Kg | 12 | * | | | 28 | 155 | 20 |
| | 2,4-D | 185.6 | 0 | 24.3 | ug/Kg | 13 | | | | 28 | 144 | 20 |
| | 2,4,5-TP(Silvex) | 185.6 | 0 | 46.3 | ug/Kg | 25 | * | | | 43 | 129 | 20 |
| | 2,4,5-T | 185.6 | 0 | 26.9 | ug/Kg | 14 | * | | | 31 | 138 | 20 |
| | 2,4-DB | 185.6 | 0 | 31.0 | ug/Kg | 17 | * | | | 34 | 142 | 20 |
| | Dinoseb | 185.6 | 0 | 0 | ug/Kg | 0 | * | | | 57 | 152 | 20 |

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# Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

**SW-846**

**SDG No.:** Q3399 **Analytical Method:** 8151A

**Client:** ICE Service Group, Inc. **Datafile :** PS032139.D

| Lab Sample ID | Parameter | Spike | Result | Units | Rec | RPD | Qual | RPD Qual | Limits Low | Limits High | RPD |
|---|---|---|---|---|---|---|---|---|---|---|---|
| PB170221BS (Column 1) | DICAMBA | 166.5 | 167 | ug/Kg | 100 | | | | 38 | 132 | |
| | DICHLORPROP | 166.5 | 158 | ug/Kg | 95 | | | | 28 | 155 | |
| | 2,4-D | 166.5 | 164 | ug/Kg | 98 | | | | 28 | 144 | |
| | 2,4,5-TP(Silvex) | 166.5 | 161 | ug/Kg | 97 | | | | 43 | 129 | |
| | 2,4,5-T | 166.5 | 164 | ug/Kg | 98 | | | | 31 | 138 | |
| | 2,4-DB | 166.5 | 164 | ug/Kg | 98 | | | | 34 | 142 | |
| | Dinoseb | 166.5 | 153 | ug/Kg | 92 | | | | 57 | 152 | |
| PB170221BS (Column 2) | DICAMBA | 166.5 | 155 | ug/Kg | 93 | | | | 38 | 132 | |
| | DICHLORPROP | 166.5 | 154 | ug/Kg | 92 | | | | 28 | 155 | |
| | 2,4-D | 166.5 | 151 | ug/Kg | 91 | | | | 28 | 144 | |
| | 2,4,5-TP(Silvex) | 166.5 | 158 | ug/Kg | 95 | | | | 43 | 129 | |
| | 2,4,5-T | 166.5 | 157 | ug/Kg | 94 | | | | 31 | 138 | |
| | 2,4-DB | 166.5 | 144 | ug/Kg | 86 | | | | 34 | 142 | |
| | Dinoseb | 166.5 | 149 | ug/Kg | 89 | | | | 57 | 152 | |

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170221BL

Lab Name: Alliance | Contract: ICES02

Lab Code: ACE | SDG NO.: Q3399

Lab Sample ID: PB170221BL | Lab File ID: PS032138.D

Matrix: (soil/water) Solid | Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/22/2025

Date Analyzed (1): 10/23/2025 | Date Analyzed (2): 10/23/2025

Time Analyzed (1): 12:33 | Time Analyzed (2): 12:33

Instrument ID (1): ECD_S | Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm) | GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

| EPA SAMPLE NO. | LAB SAMPLE ID | LAB FILE ID | DATE ANALYZED 1 | DATE ANALYZED 2 |
|---|---|---|---|---|
| COMP-ROLLOFF | Q3399-01 | PS032135.D | 10/23/2025 | 10/23/2025 |
| PB170221BS | PB170221BS | PS032139.D | 10/23/2025 | 10/23/2025 |
| TP-6MS | Q3412-01MS | PS032155.D | 10/24/2025 | 10/24/2025 |
| TP-6MSD | Q3412-01MSD | PS032156.D | 10/24/2025 | 10/24/2025 |

COMMENTS:

# QC SAMPLE DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | |
| Client Sample ID: | PB170221BL | SDG No.: | Q3399 |
| Lab Sample ID: | PB170221BL | Matrix: | SOIL |
| Analytical Method: | 8151A | % Solid: | 100 |
| Sample Wt/Vol: | 30.01 g Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | 8151A Prep Date 10/22/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 33.0 | U | 1 | 7.70 | 33.0 | 67.0 | ug/Kg | 10/23/25 12:33 | PB170221 |
| 120-36-5 | DICHLORPROP | 33.0 | U | 1 | 12.8 | 33.0 | 67.0 | ug/Kg | 10/23/25 12:33 | PB170221 |
| 94-75-7 | 2,4-D | 33.0 | U | 1 | 9.00 | 33.0 | 67.0 | ug/Kg | 10/23/25 12:33 | PB170221 |
| 93-72-1 | 2,4,5-TP (Silvex) | 33.0 | U | 1 | 9.10 | 33.0 | 67.0 | ug/Kg | 10/23/25 12:33 | PB170221 |
| 93-76-5 | 2,4,5-T | 33.0 | U | 1 | 8.70 | 33.0 | 67.0 | ug/Kg | 10/23/25 12:33 | PB170221 |
| 94-82-6 | 2,4-DB | 33.0 | U | 1 | 24.2 | 33.0 | 67.0 | ug/Kg | 10/23/25 12:33 | PB170221 |
| 88-85-7 | DINOSEB | 33.0 | U | 1 | 10.8 | 33.0 | 67.0 | ug/Kg | 10/23/25 12:33 | PB170221 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 488 | | | 27 - 122 | | 98% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/13/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/13/25 |
| Client Sample ID: | PIBLK-PS031982.D | SDG No.: | Q3399 |
| Lab Sample ID: | I.BLK-PS031982.D | Matrix: | WATER |
| Analytical Method: | 8151A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | SW3510C Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/13/25 | PS101325 |
| 120-36-5 | DICHLORPROP | 1.50 | U | 1 | 0.76 | 1.50 | 2.00 | ug/L | 10/13/25 | PS101325 |
| 94-75-7 | 2,4-D | 1.50 | U | 1 | 0.92 | 1.50 | 2.00 | ug/L | 10/13/25 | PS101325 |
| 93-72-1 | 2,4,5-TP (Silvex) | 1.50 | U | 1 | 0.78 | 1.50 | 2.00 | ug/L | 10/13/25 | PS101325 |
| 93-76-5 | 2,4,5-T | 1.50 | U | 1 | 0.71 | 1.50 | 2.00 | ug/L | 10/13/25 | PS101325 |
| 94-82-6 | 2,4-DB | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/13/25 | PS101325 |
| 88-85-7 | DINOSEB | 1.50 | U | 1 | 0.89 | 1.50 | 2.00 | ug/L | 10/13/25 | PS101325 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 407 | | | 32 - 138 | | 81% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/23/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/23/25 |
| Client Sample ID: | PIBLK-PS032131.D | SDG No.: | Q3399 |
| Lab Sample ID: | I.BLK-PS032131.D | Matrix: | WATER |
| Analytical Method: | 8151A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | SW3510C Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 120-36-5 | DICHLORPROP | 1.50 | U | 1 | 0.76 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 94-75-7 | 2,4-D | 1.50 | U | 1 | 0.92 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 93-72-1 | 2,4,5-TP (Silvex) | 1.50 | U | 1 | 0.78 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 93-76-5 | 2,4,5-T | 1.50 | U | 1 | 0.71 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 94-82-6 | 2,4-DB | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 88-85-7 | DINOSEB | 1.50 | U | 1 | 0.89 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 504 | | | 32 - 138 | | 101% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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Fax : 908 789 8922

# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/23/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/23/25 |
| Client Sample ID: | PIBLK-PS032143.D | SDG No.: | Q3399 |
| Lab Sample ID: | I.BLK-PS032143.D | Matrix: | WATER |
| Analytical Method: | 8151A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | SW3510C Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 120-36-5 | DICHLORPROP | 1.50 | U | 1 | 0.76 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 94-75-7 | 2,4-D | 1.50 | U | 1 | 0.92 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 93-72-1 | 2,4,5-TP (Silvex) | 1.50 | U | 1 | 0.78 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 93-76-5 | 2,4,5-T | 1.50 | U | 1 | 0.71 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 94-82-6 | 2,4-DB | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| 88-85-7 | DINOSEB | 1.50 | U | 1 | 0.89 | 1.50 | 2.00 | ug/L | 10/23/25 | PS102325 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 506 | | | 32 - 138 | | 101% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/24/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/24/25 |
| Client Sample ID: | PIBLK-PS032153.D | SDG No.: | Q3399 |
| Lab Sample ID: | I.BLK-PS032153.D | Matrix: | WATER |
| Analytical Method: | 8151A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | SW3510C Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 120-36-5 | DICHLORPROP | 1.50 | U | 1 | 0.76 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 94-75-7 | 2,4-D | 1.50 | U | 1 | 0.92 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 93-72-1 | 2,4,5-TP (Silvex) | 1.50 | U | 1 | 0.78 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 93-76-5 | 2,4,5-T | 1.50 | U | 1 | 0.71 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 94-82-6 | 2,4-DB | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 88-85-7 | DINOSEB | 1.50 | U | 1 | 0.89 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 530 | | | 32 - 138 | | 106% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/24/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/24/25 |
| Client Sample ID: | PIBLK-PS032159.D | SDG No.: | Q3399 |
| Lab Sample ID: | I.BLK-PS032159.D | Matrix: | WATER |
| Analytical Method: | 8151A | % Solid: | 0 |
| Sample Wt/Vol: | 1000 mL Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | SW3510C Prep Date | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 120-36-5 | DICHLORPROP | 1.50 | U | 1 | 0.76 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 94-75-7 | 2,4-D | 1.50 | U | 1 | 0.92 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 93-72-1 | 2,4,5-TP (Silvex) | 1.50 | U | 1 | 0.78 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 93-76-5 | 2,4,5-T | 1.50 | U | 1 | 0.71 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 94-82-6 | 2,4-DB | 1.50 | U | 1 | 0.65 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| 88-85-7 | DINOSEB | 1.50 | U | 1 | 0.89 | 1.50 | 2.00 | ug/L | 10/24/25 | pS102425 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 521 | | | 32 - 138 | | 104% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | |
| Client Sample ID: | PB170221BS | SDG No.: | Q3399 |
| Lab Sample ID: | PB170221BS | Matrix: | SOIL |
| Analytical Method: | 8151A | % Solid: | 100 |
| Sample Wt/Vol: | 30.03 g Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | 8151A Prep Date 10/22/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 167 | | 1 | 7.70 | 33.0 | 66.9 | ug/Kg | 10/23/25 12:58 | PB170221 |
| 120-36-5 | DICHLORPROP | 158 | | 1 | 12.8 | 33.0 | 66.9 | ug/Kg | 10/23/25 12:58 | PB170221 |
| 94-75-7 | 2,4-D | 164 | | 1 | 9.00 | 33.0 | 66.9 | ug/Kg | 10/23/25 12:58 | PB170221 |
| 93-72-1 | 2,4,5-TP (Silvex) | 161 | | 1 | 9.10 | 33.0 | 66.9 | ug/Kg | 10/23/25 12:58 | PB170221 |
| 93-76-5 | 2,4,5-T | 164 | | 1 | 8.70 | 33.0 | 66.9 | ug/Kg | 10/23/25 12:58 | PB170221 |
| 94-82-6 | 2,4-DB | 164 | | 1 | 24.2 | 33.0 | 66.9 | ug/Kg | 10/23/25 12:58 | PB170221 |
| 88-85-7 | DINOSEB | 153 | | 1 | 10.8 | 33.0 | 66.9 | ug/Kg | 10/23/25 12:58 | PB170221 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 516 | | | 27 - 122 | | 103% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/20/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/21/25 |
| Client Sample ID: | TP-6MS | SDG No.: | Q3399 |
| Lab Sample ID: | Q3412-01MS | Matrix: | SOIL |
| Analytical Method: | 8151A | % Solid: | 89.7 |
| Sample Wt/Vol: | 30.02 g | Final Vol: 10000 uL | Test: Herbicide |
| Prep Method: | 8151A | Prep Date 10/22/25 | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 33.6 | J | 1 | 8.60 | 36.8 | 74.6 | ug/Kg | 10/24/25 15:50 | PB170221 |
| 120-36-5 | DICHLORPROP | 25.5 | J | 1 | 14.3 | 36.8 | 74.6 | ug/Kg | 10/24/25 15:50 | PB170221 |
| 94-75-7 | 2,4-D | 200 | P | 1 | 10.1 | 36.8 | 74.6 | ug/Kg | 10/24/25 15:50 | PB170221 |
| 93-72-1 | 2,4,5-TP (Silvex) | 44.5 | JP | 1 | 10.1 | 36.8 | 74.6 | ug/Kg | 10/24/25 15:50 | PB170221 |
| 93-76-5 | 2,4,5-T | 25.6 | J | 1 | 9.70 | 36.8 | 74.6 | ug/Kg | 10/24/25 15:50 | PB170221 |
| 94-82-6 | 2,4-DB | 36.8 | U | 1 | 27.0 | 36.8 | 74.6 | ug/Kg | 10/24/25 15:50 | PB170221 |
| 88-85-7 | DINOSEB | 36.8 | U | 1 | 12.0 | 36.8 | 74.6 | ug/Kg | 10/24/25 15:50 | PB170221 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 200 | | | 27 - 122 | | 40% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | ICE Service Group, Inc. | Date Collected: | 10/20/25 |
| Project: | NWIRP Northrup Grumman Site – Bethpage, NY | Date Received: | 10/21/25 |
| Client Sample ID: | TP-6MSD | SDG No.: | Q3399 |
| Lab Sample ID: | Q3412-01MSD | Matrix: | SOIL |
| Analytical Method: | 8151A | % Solid: | 89.7 |
| Sample Wt/Vol: | 30.04 g Final Vol: 10000 uL | Test: | Herbicide |
| Prep Method: | 8151A Prep Date 10/22/25 | | |

| CAS Number | Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Date Ana. | BatchID |
|---|---|---|---|---|---|---|---|---|---|---|
| **TARGETS** | | | | | | | | | | |
| 1918-00-9 | DICAMBA | 32.5 | J | 1 | 8.60 | 36.7 | 74.6 | ug/Kg | 10/24/25 16:14 | PB170221 |
| 120-36-5 | DICHLORPROP | 27.2 | J | 1 | 14.3 | 36.7 | 74.6 | ug/Kg | 10/24/25 16:14 | PB170221 |
| 94-75-7 | 2,4-D | 200 | P | 1 | 10.1 | 36.7 | 74.6 | ug/Kg | 10/24/25 16:14 | PB170221 |
| 93-72-1 | 2,4,5-TP (Silvex) | 45.4 | JP | 1 | 10.1 | 36.7 | 74.6 | ug/Kg | 10/24/25 16:14 | PB170221 |
| 93-76-5 | 2,4,5-T | 26.3 | J | 1 | 9.70 | 36.7 | 74.6 | ug/Kg | 10/24/25 16:14 | PB170221 |
| 94-82-6 | 2,4-DB | 36.7 | U | 1 | 26.9 | 36.7 | 74.6 | ug/Kg | 10/24/25 16:14 | PB170221 |
| 88-85-7 | DINOSEB | 36.7 | U | 1 | 12.0 | 36.7 | 74.6 | ug/Kg | 10/24/25 16:14 | PB170221 |
| **SURROGATES** | | | | | | | | | | |
| 19719-28-9 | 2,4-DCAA | 196 | | | 27 - 122 | | 39% | SPK: 500 | | |

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

# CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Contract:** ICES02
**Lab Code:** ACE
**SDG NO.:** Q3399
**Instrument ID:** ECD_S
**Calibration Date(s):** 10/13/2025 10/13/2025
**Calibration Times:** 10:53 12:29

GC Column: RTX-CLP ID: 0.32 (mm)

**LAB FILE ID:** RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

| COMPOUND | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 9.59 | 9.58 | 9.58 | 9.58 | 9.57 | 9.58 | 9.48 | 9.68 |
| 2,4,5-TP(Silvex) | 9.29 | 9.28 | 9.28 | 9.28 | 9.28 | 9.28 | 9.18 | 9.38 |
| 2,4-D | 8.43 | 8.42 | 8.41 | 8.41 | 8.41 | 8.41 | 8.31 | 8.51 |
| 2,4-DB | 10.17 | 10.16 | 10.15 | 10.15 | 10.15 | 10.16 | 10.06 | 10.26 |
| 2,4-DCAA | 7.29 | 7.28 | 7.28 | 7.28 | 7.28 | 7.28 | 7.18 | 7.38 |
| DICAMBA | 7.47 | 7.47 | 7.46 | 7.46 | 7.46 | 7.46 | 7.36 | 7.56 |
| DICHLORPROP | 8.18 | 8.17 | 8.17 | 8.17 | 8.17 | 8.17 | 8.07 | 8.27 |
| Dinoseb | 11.35 | 11.35 | 11.35 | 11.35 | 11.35 | 11.35 | 11.25 | 11.45 |

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## RETENTION TIMES OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Contract:** ICES02
**Lab Code:** ACE
**SDG NO.:** Q3399
**Instrument ID:** ECD_S
**Calibration Date(s):** 10/13/2025 10/13/2025
**Calibration Times:** 10:53 12:29

GC Column: RTX-CLP2 ID: 0.32 (mm)

**LAB FILE ID:** RT 200 = PS031983.D RT 500 = PS031984.D
RT 750 = PS031985.D RT 1000 = PS031986.D RT 1500 = PS031987.D

| COMPOUND | RT 200 | RT 500 | RT 750 | RT 1000 | RT 1500 | MEAN RT | RT WINDOW FROM | RT WINDOW TO |
|---|---|---|---|---|---|---|---|---|
| 2,4,5-T | 10.34 | 10.33 | 10.32 | 10.32 | 10.32 | 10.32 | 10.22 | 10.42 |
| 2,4,5-TP(Silvex) | 9.90 | 9.89 | 9.89 | 9.89 | 9.89 | 9.89 | 9.79 | 9.99 |
| 2,4-D | 9.02 | 9.01 | 9.00 | 9.00 | 9.00 | 9.01 | 8.91 | 9.11 |
| 2,4-DB | 10.91 | 10.89 | 10.89 | 10.89 | 10.89 | 10.89 | 10.79 | 10.99 |
| 2,4-DCAA | 7.76 | 7.75 | 7.74 | 7.74 | 7.74 | 7.75 | 7.65 | 7.85 |
| DICAMBA | 7.94 | 7.94 | 7.94 | 7.94 | 7.94 | 7.94 | 7.84 | 8.04 |
| DICHLORPROP | 8.67 | 8.66 | 8.66 | 8.66 | 8.66 | 8.66 | 8.56 | 8.76 |
| Dinoseb | 11.27 | 11.27 | 11.26 | 11.26 | 11.26 | 11.26 | 11.16 | 11.36 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_S

**Contract:** ICES02
**SDG NO.:** Q3399
**Calibration Date(s):** 10/13/2025 10/13/2025
**Calibration Times:** 10:53 12:29

**GC Column:** RTX-CLP **ID:** 0.32 (mm)

**LAB FILE ID:** CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

| COMPOUND | CF 200 | CF 500 | CF 750 | CF 1000 | CF 1500 | CF | % RSD |
|---|---|---|---|---|---|---|---|
| 2,4,5-T | 27134500000 | 25593200000 | 26050400000 | 24405600000 | 23037600000 | 25244300000 | 6 |
| 2,4,5-TP(Silvex) | 33202700000 | 28816500000 | 28438300000 | 26226900000 | 24525800000 | 28242000000 | 12 |
| 2,4-D | 5487130000 | 4996420000 | 4918990000 | 4560930000 | 4315910000 | 4855870000 | 9 |
| 2,4-DB | 2819950000 | 3011240000 | 3227170000 | 3188540000 | 3254670000 | 3100320000 | 6 |
| 2,4-DCAA | 5590070000 | 4810210000 | 4780360000 | 4442800000 | 4211740000 | 4767030000 | 11 |
| DICAMBA | 24008900000 | 21120500000 | 21160300000 | 19699200000 | 18722800000 | 20942400000 | 10 |
| DICHLORPROP | 5759330000 | 4770830000 | 4696080000 | 4361250000 | 4183250000 | 4754150000 | 13 |
| Dinoseb | 27352300000 | 22713200000 | 22008900000 | 20350800000 | 19079100000 | 22300900000 | 14 |

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## CALIBRATION FACTOR OF INITIAL CALIBRATION

**Lab Name:** Alliance
**Lab Code:** ACE
**Instrument ID:** ECD_S

**Contract:** ICES02
**SDG NO.:** Q3399
**Calibration Date(s):** 10/13/2025 10/13/2025
**Calibration Times:** 10:53 12:29

**GC Column:** RTX-CLP2 **ID:** 0.32 (mm)

**LAB FILE ID:** CF 200 = PS031983.D CF 500 = PS031984.D
CF 750 = PS031985.D CF 1000 = PS031986.D CF 1500 = PS031987.D

| COMPOUND | CF 200 | CF 500 | CF 750 | CF 1000 | CF 1500 | CF | % RSD |
|---|---|---|---|---|---|---|---|
| 2,4,5-T | 17213000000 | 17169300000 | 17878100000 | 17051600000 | 16411300000 | 17144700000 | 3 |
| 2,4,5-TP(Silvex) | 22626700000 | 20334000000 | 20451600000 | 19038400000 | 17923600000 | 20074900000 | 9 |
| 2,4-D | 2294360000 | 2013000000 | 2101790000 | 2016570000 | 1965760000 | 2078300000 | 6 |
| 2,4-DB | 1261010000 | 1198570000 | 1380760000 | 1303330000 | 1316780000 | 1292090000 | 5 |
| 2,4-DCAA | 1091580000 | 1077760000 | 1141380000 | 1095020000 | 1095970000 | 1100340000 | 2 |
| DICAMBA | 9416080000 | 8584330000 | 8843470000 | 8348740000 | 8111820000 | 8660890000 | 6 |
| DICHLORPROP | 2249760000 | 1957040000 | 1967290000 | 1844370000 | 1772840000 | 1958260000 | 9 |
| Dinoseb | 16843100000 | 15214500000 | 15354400000 | 14560900000 | 14042400000 | 15203100000 | 7 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 10:04 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.46 | 7.46 | 7.36 | 7.56 | 0.00 |
| 2,4-DCAA | 7.28 | 7.28 | 7.18 | 7.38 | 0.00 |
| DICHLORPROP | 8.17 | 8.17 | 8.07 | 8.27 | 0.00 |
| 2,4-D | 8.41 | 8.41 | 8.31 | 8.51 | 0.00 |
| 2,4,5-TP(Silvex) | 9.28 | 9.28 | 9.18 | 9.38 | 0.00 |
| 2,4,5-T | 9.58 | 9.58 | 9.48 | 9.68 | 0.00 |
| 2,4-DB | 10.15 | 10.15 | 10.05 | 10.25 | 0.00 |
| Dinoseb | 11.34 | 11.35 | 11.25 | 11.45 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 10:04 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.94 | 7.94 | 7.84 | 8.04 | 0.00 |
| 2,4-DCAA | 7.74 | 7.74 | 7.64 | 7.84 | 0.00 |
| DICHLORPROP | 8.66 | 8.66 | 8.56 | 8.76 | 0.00 |
| 2,4-D | 9.00 | 9.00 | 8.90 | 9.10 | 0.00 |
| 2,4,5-TP(Silvex) | 9.89 | 9.89 | 9.79 | 9.99 | 0.00 |
| 2,4,5-T | 10.32 | 10.32 | 10.22 | 10.42 | 0.00 |
| 2,4-DB | 10.89 | 10.89 | 10.79 | 10.99 | 0.00 |
| Dinoseb | 11.26 | 11.26 | 11.16 | 11.36 | 0.00 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 9.576 | 9.478 | 9.678 | 799.240 | 712.500 | 12.2 |
| 2,4,5-TP(Silvex) | 9.276 | 9.180 | 9.380 | 768.020 | 712.500 | 7.8 |
| 2,4-D | 8.409 | 8.312 | 8.512 | 751.270 | 705.000 | 6.6 |
| 2,4-DB | 10.152 | 10.054 | 10.254 | 722.460 | 712.500 | 1.4 |
| 2,4-DCAA | 7.280 | 7.182 | 7.382 | 810.260 | 750.000 | 8.0 |
| DICAMBA | 7.462 | 7.364 | 7.564 | 779.910 | 705.000 | 10.6 |
| DICHLORPROP | 8.170 | 8.073 | 8.273 | 739.890 | 705.000 | 4.9 |
| Dinoseb | 11.343 | 11.245 | 11.445 | 747.900 | 705.000 | 6.1 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL01 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032132.D **Time Analyzed:** 10:04

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 10.321 | 10.221 | 10.421 | 795.800 | 712.500 | 11.7 |
| 2,4,5-TP(Silvex) | 9.892 | 9.792 | 9.992 | 773.160 | 712.500 | 8.5 |
| 2,4-D | 9.001 | 8.902 | 9.102 | 774.470 | 705.000 | 9.9 |
| 2,4-DB | 10.889 | 10.789 | 10.989 | 805.500 | 712.500 | 13.1 |
| 2,4-DCAA | 7.744 | 7.644 | 7.844 | 877.970 | 750.000 | 17.1 |
| DICAMBA | 7.939 | 7.838 | 8.038 | 766.180 | 705.000 | 8.7 |
| DICHLORPROP | 8.658 | 8.558 | 8.758 | 756.080 | 705.000 | 7.2 |
| Dinoseb | 11.263 | 11.163 | 11.363 | 777.120 | 705.000 | 10.2 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 15:00 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.46 | 7.46 | 7.36 | 7.56 | 0.00 |
| 2,4-DCAA | 7.28 | 7.28 | 7.18 | 7.38 | 0.00 |
| DICHLORPROP | 8.17 | 8.17 | 8.07 | 8.27 | 0.00 |
| 2,4-D | 8.41 | 8.41 | 8.31 | 8.51 | 0.00 |
| 2,4,5-TP(Silvex) | 9.28 | 9.28 | 9.18 | 9.38 | 0.00 |
| 2,4,5-T | 9.58 | 9.58 | 9.48 | 9.68 | 0.01 |
| 2,4-DB | 10.15 | 10.15 | 10.05 | 10.25 | 0.00 |
| Dinoseb | 11.34 | 11.35 | 11.25 | 11.45 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/23/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 15:00 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.94 | 7.94 | 7.84 | 8.04 | 0.00 |
| 2,4-DCAA | 7.74 | 7.74 | 7.64 | 7.84 | 0.00 |
| DICHLORPROP | 8.66 | 8.66 | 8.56 | 8.76 | 0.00 |
| 2,4-D | 9.00 | 9.00 | 8.90 | 9.10 | 0.00 |
| 2,4,5-TP(Silvex) | 9.89 | 9.89 | 9.79 | 9.99 | 0.00 |
| 2,4,5-T | 10.32 | 10.32 | 10.22 | 10.42 | 0.00 |
| 2,4-DB | 10.89 | 10.89 | 10.79 | 10.99 | 0.00 |
| Dinoseb | 11.26 | 11.26 | 11.16 | 11.36 | 0.00 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 9.575 | 9.478 | 9.678 | 795.180 | 712.500 | 11.6 |
| 2,4,5-TP(Silvex) | 9.277 | 9.180 | 9.380 | 756.490 | 712.500 | 6.2 |
| 2,4-D | 8.407 | 8.312 | 8.512 | 764.020 | 705.000 | 8.4 |
| 2,4-DB | 10.150 | 10.054 | 10.254 | 759.070 | 712.500 | 6.5 |
| 2,4-DCAA | 7.279 | 7.182 | 7.382 | 794.670 | 750.000 | 6.0 |
| DICAMBA | 7.462 | 7.364 | 7.564 | 759.800 | 705.000 | 7.8 |
| DICHLORPROP | 8.170 | 8.073 | 8.273 | 729.090 | 705.000 | 3.4 |
| Dinoseb | 11.343 | 11.245 | 11.445 | 706.040 | 705.000 | 0.1 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL02 **Date Analyzed:** 10/23/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032144.D **Time Analyzed:** 15:00

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 10.321 | 10.221 | 10.421 | 793.440 | 712.500 | 11.4 |
| 2,4,5-TP(Silvex) | 9.892 | 9.792 | 9.992 | 756.750 | 712.500 | 6.2 |
| 2,4-D | 9.000 | 8.902 | 9.102 | 778.940 | 705.000 | 10.5 |
| 2,4-DB | 10.889 | 10.789 | 10.989 | 795.650 | 712.500 | 11.7 |
| 2,4-DCAA | 7.743 | 7.644 | 7.844 | 878.420 | 750.000 | 17.1 |
| DICAMBA | 7.939 | 7.838 | 8.038 | 753.230 | 705.000 | 6.8 |
| DICHLORPROP | 8.658 | 8.558 | 8.758 | 744.020 | 705.000 | 5.5 |
| Dinoseb | 11.264 | 11.163 | 11.363 | 738.560 | 705.000 | 4.8 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 14:28 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.46 | 7.46 | 7.36 | 7.56 | 0.00 |
| 2,4-DCAA | 7.28 | 7.28 | 7.18 | 7.38 | 0.00 |
| DICHLORPROP | 8.17 | 8.17 | 8.07 | 8.27 | 0.00 |
| 2,4-D | 8.41 | 8.41 | 8.31 | 8.51 | 0.00 |
| 2,4,5-TP(Silvex) | 9.28 | 9.28 | 9.18 | 9.38 | 0.01 |
| 2,4,5-T | 9.57 | 9.58 | 9.48 | 9.68 | 0.01 |
| 2,4-DB | 10.15 | 10.15 | 10.05 | 10.25 | 0.00 |
| Dinoseb | 11.34 | 11.35 | 11.25 | 11.45 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 14:28 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.94 | 7.94 | 7.84 | 8.04 | 0.00 |
| 2,4-DCAA | 7.74 | 7.74 | 7.64 | 7.84 | 0.00 |
| DICHLORPROP | 8.66 | 8.66 | 8.56 | 8.76 | 0.00 |
| 2,4-D | 9.00 | 9.00 | 8.90 | 9.10 | 0.00 |
| 2,4,5-TP(Silvex) | 9.89 | 9.89 | 9.79 | 9.99 | 0.00 |
| 2,4,5-T | 10.32 | 10.32 | 10.22 | 10.42 | 0.00 |
| 2,4-DB | 10.89 | 10.89 | 10.79 | 10.99 | 0.00 |
| Dinoseb | 11.26 | 11.26 | 11.16 | 11.36 | 0.00 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/24/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 9.574 | 9.478 | 9.678 | 776.340 | 712.500 | 9.0 |
| 2,4,5-TP(Silvex) | 9.275 | 9.180 | 9.380 | 738.430 | 712.500 | 3.6 |
| 2,4-D | 8.407 | 8.312 | 8.512 | 733.220 | 705.000 | 4.0 |
| 2,4-DB | 10.149 | 10.054 | 10.254 | 718.400 | 712.500 | 0.8 |
| 2,4-DCAA | 7.278 | 7.182 | 7.382 | 790.230 | 750.000 | 5.4 |
| DICAMBA | 7.460 | 7.364 | 7.564 | 716.720 | 705.000 | 1.7 |
| DICHLORPROP | 8.169 | 8.073 | 8.273 | 710.070 | 705.000 | 0.7 |
| Dinoseb | 11.341 | 11.245 | 11.445 | 713.910 | 705.000 | 1.3 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL03 **Date Analyzed:** 10/24/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032154.D **Time Analyzed:** 14:28

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 10.320 | 10.221 | 10.421 | 783.510 | 712.500 | 10.0 |
| 2,4,5-TP(Silvex) | 9.891 | 9.792 | 9.992 | 750.010 | 712.500 | 5.3 |
| 2,4-D | 9.000 | 8.902 | 9.102 | 761.860 | 705.000 | 8.1 |
| 2,4-DB | 10.889 | 10.789 | 10.989 | 752.770 | 712.500 | 5.7 |
| 2,4-DCAA | 7.743 | 7.644 | 7.844 | 856.540 | 750.000 | 14.2 |
| DICAMBA | 7.938 | 7.838 | 8.038 | 739.720 | 705.000 | 4.9 |
| DICHLORPROP | 8.658 | 8.558 | 8.758 | 728.780 | 705.000 | 3.4 |
| Dinoseb | 11.263 | 11.163 | 11.363 | 747.230 | 705.000 | 6.0 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 17:53 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.46 | 7.46 | 7.36 | 7.56 | 0.00 |
| 2,4-DCAA | 7.28 | 7.28 | 7.18 | 7.38 | 0.00 |
| DICHLORPROP | 8.17 | 8.17 | 8.07 | 8.27 | 0.00 |
| 2,4-D | 8.41 | 8.41 | 8.31 | 8.51 | 0.01 |
| 2,4,5-TP(Silvex) | 9.27 | 9.28 | 9.18 | 9.38 | 0.01 |
| 2,4,5-T | 9.57 | 9.58 | 9.48 | 9.68 | 0.01 |
| 2,4-DB | 10.15 | 10.15 | 10.05 | 10.25 | 0.00 |
| Dinoseb | 11.34 | 11.35 | 11.25 | 11.45 | 0.01 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Continuing Calib Date:** 10/24/2025 **Initial Calibration Date(s):** 10/13/2025 10/13/2025

**Continuing Calib Time:** 17:53 **Initial Calibration Time(s):** 10:53 12:29

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)**

| COMPOUND | CCAL RT | AVG RT | RT WINDOW FROM | RT WINDOW TO | DIFF RT |
|---|---|---|---|---|---|
| DICAMBA | 7.94 | 7.94 | 7.84 | 8.04 | 0.00 |
| 2,4-DCAA | 7.74 | 7.74 | 7.64 | 7.84 | 0.00 |
| DICHLORPROP | 8.66 | 8.66 | 8.56 | 8.76 | 0.00 |
| 2,4-D | 9.00 | 9.00 | 8.90 | 9.10 | 0.00 |
| 2,4,5-TP(Silvex) | 9.89 | 9.89 | 9.79 | 9.99 | 0.00 |
| 2,4,5-T | 10.32 | 10.32 | 10.22 | 10.42 | 0.00 |
| 2,4-DB | 10.89 | 10.89 | 10.79 | 10.99 | 0.00 |
| Dinoseb | 11.26 | 11.26 | 11.16 | 11.36 | 0.00 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/24/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032160.D **Time Analyzed:** 17:53

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 9.571 | 9.478 | 9.678 | 747.470 | 712.500 | 4.9 |
| 2,4,5-TP(Silvex) | 9.274 | 9.180 | 9.380 | 736.630 | 712.500 | 3.4 |
| 2,4-D | 8.405 | 8.312 | 8.512 | 746.330 | 705.000 | 5.9 |
| 2,4-DB | 10.147 | 10.054 | 10.254 | 728.700 | 712.500 | 2.3 |
| 2,4-DCAA | 7.277 | 7.182 | 7.382 | 793.030 | 750.000 | 5.7 |
| DICAMBA | 7.460 | 7.364 | 7.564 | 714.540 | 705.000 | 1.4 |
| DICHLORPROP | 8.167 | 8.073 | 8.273 | 708.050 | 705.000 | 0.4 |
| Dinoseb | 11.341 | 11.245 | 11.445 | 699.200 | 705.000 | -0.8 |

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## CALIBRATION VERIFICATION SUMMARY

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**GC Column:** RTX-CLP2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/13/2025 10/13/2025

**Client Sample No.:** CCAL04 **Date Analyzed:** 10/24/2025

**Lab Sample No.:** HSTDCCC750 **Data File :** PS032160.D **Time Analyzed:** 17:53

| COMPOUND | RT | RT WINDOW FROM | RT WINDOW TO | CALC AMOUNT(ng) | NOM AMOUNT(ng) | %D |
|---|---|---|---|---|---|---|
| 2,4,5-T | 10.319 | 10.221 | 10.421 | 785.300 | 712.500 | 10.2 |
| 2,4,5-TP(Silvex) | 9.890 | 9.792 | 9.992 | 747.340 | 712.500 | 4.9 |
| 2,4-D | 8.998 | 8.902 | 9.102 | 768.550 | 705.000 | 9.0 |
| 2,4-DB | 10.887 | 10.789 | 10.989 | 762.850 | 712.500 | 7.1 |
| 2,4-DCAA | 7.742 | 7.644 | 7.844 | 858.900 | 750.000 | 14.5 |
| DICAMBA | 7.937 | 7.838 | 8.038 | 745.430 | 705.000 | 5.7 |
| DICHLORPROP | 8.656 | 8.558 | 8.758 | 733.520 | 705.000 | 4.0 |
| Dinoseb | 11.262 | 11.163 | 11.363 | 743.490 | 705.000 | 5.5 |

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# Analytical Sequence

**Client:** ICE Service Group, Inc. **SDG No.:** Q3399

**Project:** NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

**GC Column:** RTX-CLP **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

**THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:**

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCAA RT # | RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/13/2025 | 10:29 | PS031982.D | 7.29 | 0.00 |
| HSTDICC200 | HSTDICC200 | 10/13/2025 | 10:53 | PS031983.D | 7.29 | 0.00 |
| HSTDICC500 | HSTDICC500 | 10/13/2025 | 11:17 | PS031984.D | 7.28 | 0.00 |
| HSTDICC750 | HSTDICC750 | 10/13/2025 | 11:41 | PS031985.D | 7.28 | 0.00 |
| HSTDICC1000 | HSTDICC1000 | 10/13/2025 | 12:05 | PS031986.D | 7.28 | 0.00 |
| HSTDICC1500 | HSTDICC1500 | 10/13/2025 | 12:29 | PS031987.D | 7.28 | 0.00 |
| I.BLK | I.BLK | 10/23/2025 | 09:40 | PS032131.D | 7.29 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/23/2025 | 10:04 | PS032132.D | 7.28 | 0.00 |
| COMP-ROLLOFF | Q3399-01 | 10/23/2025 | 11:20 | PS032135.D | 7.28 | 0.00 |
| PB170221BL | PB170221BL | 10/23/2025 | 12:33 | PS032138.D | 7.28 | 0.00 |
| PB170221BS | PB170221BS | 10/23/2025 | 12:58 | PS032139.D | 7.28 | 0.00 |
| I.BLK | I.BLK | 10/23/2025 | 14:36 | PS032143.D | 7.28 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/23/2025 | 15:00 | PS032144.D | 7.28 | 0.00 |
| I.BLK | I.BLK | 10/24/2025 | 14:04 | PS032153.D | 7.28 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2025 | 14:28 | PS032154.D | 7.28 | 0.00 |
| TP-6MS | Q3412-01MS | 10/24/2025 | 15:50 | PS032155.D | 7.28 | 0.00 |
| TP-6MSD | Q3412-01MSD | 10/24/2025 | 16:14 | PS032156.D | 7.28 | 0.00 |
| I.BLK | I.BLK | 10/24/2025 | 17:28 | PS032159.D | 7.28 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2025 | 17:53 | PS032160.D | 7.28 | 0.00 |

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# Analytical Sequence

**Client:** ICE Service Group, Inc. **SDG No.:** Q3399

**Project:** NWIRP Northrup Grumman Site – Bethpag **Instrument ID:** ECD_S

**GC Column:** RTX-CLP2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/13/2025 10/13/2025

**THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:**

| CLIENT ID | LAB SAMPLE ID | DATE ANALYZED | TIME ANALYZED | DATAFILE | DCAA RT # | RT # |
|---|---|---|---|---|---|---|
| I.BLK | I.BLK | 10/13/2025 | 10:29 | PS031982.D | 7.75 | 0.00 |
| HSTDICC200 | HSTDICC200 | 10/13/2025 | 10:53 | PS031983.D | 7.76 | 0.00 |
| HSTDICC500 | HSTDICC500 | 10/13/2025 | 11:17 | PS031984.D | 7.75 | 0.00 |
| HSTDICC750 | HSTDICC750 | 10/13/2025 | 11:41 | PS031985.D | 7.74 | 0.00 |
| HSTDICC1000 | HSTDICC1000 | 10/13/2025 | 12:05 | PS031986.D | 7.74 | 0.00 |
| HSTDICC1500 | HSTDICC1500 | 10/13/2025 | 12:29 | PS031987.D | 7.74 | 0.00 |
| I.BLK | I.BLK | 10/23/2025 | 09:40 | PS032131.D | 7.75 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/23/2025 | 10:04 | PS032132.D | 7.74 | 0.00 |
| COMP-ROLLOFF | Q3399-01 | 10/23/2025 | 11:20 | PS032135.D | 7.75 | 0.00 |
| PB170221BL | PB170221BL | 10/23/2025 | 12:33 | PS032138.D | 7.75 | 0.00 |
| PB170221BS | PB170221BS | 10/23/2025 | 12:58 | PS032139.D | 7.75 | 0.00 |
| I.BLK | I.BLK | 10/23/2025 | 14:36 | PS032143.D | 7.75 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/23/2025 | 15:00 | PS032144.D | 7.74 | 0.00 |
| I.BLK | I.BLK | 10/24/2025 | 14:04 | PS032153.D | 7.75 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2025 | 14:28 | PS032154.D | 7.74 | 0.00 |
| TP-6MS | Q3412-01MS | 10/24/2025 | 15:50 | PS032155.D | 7.74 | 0.00 |
| TP-6MSD | Q3412-01MSD | 10/24/2025 | 16:14 | PS032156.D | 7.74 | 0.00 |
| I.BLK | I.BLK | 10/24/2025 | 17:28 | PS032159.D | 7.75 | 0.00 |
| HSTDCCC750 | HSTDCCC750 | 10/24/2025 | 17:53 | PS032160.D | 7.74 | 0.00 |

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## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**PB170221BS**

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Lab Sample ID:** PB170221BS **Date(s) Analyzed:** 10/23/2025 10/23/2025

**Instrument ID (1):** ECD_S **Instrument ID (2):** ECD_S

**GC Column: (1):** RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| DICHLORPROP | 1 | 8.17 | 8.12 | 8.22 | 158 | 2.6 |
| | 2 | 8.66 | 8.61 | 8.71 | 154 | |
| 2,4-D | 1 | 8.41 | 8.36 | 8.46 | 164 | 8.3 |
| | 2 | 9.01 | 8.96 | 9.06 | 151 | |
| 2,4,5-TP(Silvex) | 1 | 9.28 | 9.23 | 9.33 | 161 | 1.9 |
| | 2 | 9.90 | 9.85 | 9.95 | 158 | |
| 2,4,5-T | 1 | 9.58 | 9.53 | 9.63 | 164 | 4.4 |
| | 2 | 10.33 | 10.28 | 10.38 | 157 | |
| 2,4-DB | 1 | 10.16 | 10.11 | 10.21 | 164 | 13 |
| | 2 | 10.90 | 10.85 | 10.95 | 144 | |
| Dinoseb | 1 | 11.35 | 11.30 | 11.40 | 153 | 2.6 |
| | 2 | 11.27 | 11.22 | 11.32 | 149 | |
| DICAMBA | 1 | 7.46 | 7.41 | 7.51 | 167 | 7.5 |
| | 2 | 7.94 | 7.89 | 7.99 | 155 | |

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## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**TP-6MS**

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Lab Sample ID:** Q3412-01MS **Date(s) Analyzed:** 10/24/2025 10/24/2025

**Instrument ID (1):** ECD_S **Instrument ID (2):** ECD_S

**GC Column: (1):** RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| 2,4,5-T | 1 | 9.58 | 9.53 | 9.63 | 21.3 | 18.3 |
| | 2 | 10.33 | 10.28 | 10.38 | 25.6 | |
| 2,4,5-TP(Silvex) | 1 | 9.28 | 9.23 | 9.33 | 18.0 | 84.8 |
| | 2 | 9.88 | 9.83 | 9.93 | 44.5 | |
| 2,4-D | 1 | 8.39 | 8.34 | 8.44 | 200 | 157.8 |
| | 2 | 9.01 | 8.96 | 9.06 | 23.6 | |
| DICHLORPROP | 1 | 8.17 | 8.12 | 8.22 | 25.5 | 35 |
| | 2 | 8.66 | 8.61 | 8.71 | 17.9 | |
| DICAMBA | 1 | 7.46 | 7.41 | 7.51 | 27.5 | 20 |
| | 2 | 7.93 | 7.88 | 7.98 | 33.6 | |

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## COMPOUND DETECTION SUMMARY

**CLIENT SAMPLE NO.**

**TP-6MSD**

**Lab Name:** Alliance **Contract:** ICES02

**Lab Code:** ACE **SDG NO.:** Q3399

**Lab Sample ID:** Q3412-01MSD **Date(s) Analyzed:** 10/24/2025 10/24/2025

**Instrument ID (1):** ECD_S **Instrument ID (2):** ECD_S

**GC Column: (1):** RTX-CLP **ID:** 0.32 (mm) **GC Column:(2):** RTX-CLP2 **ID:** 0.32 (mm)

| ANALYTE | COL | RT | RT WINDOW FROM | RT WINDOW TO | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| 2,4-D | 1 | 8.38 | 8.33 | 8.43 | 200 | 153.8 |
| | 2 | 9.01 | 8.96 | 9.06 | 26.1 | |
| 2,4,5-TP(Silvex) | 1 | 9.28 | 9.23 | 9.33 | 18.0 | 86.4 |
| | 2 | 9.88 | 9.83 | 9.93 | 45.4 | |
| 2,4,5-T | 1 | 9.58 | 9.53 | 9.63 | 20.9 | 22.9 |
| | 2 | 10.33 | 10.28 | 10.38 | 26.3 | |
| DICHLORPROP | 1 | 8.17 | 8.12 | 8.22 | 27.2 | 30.5 |
| | 2 | 8.66 | 8.61 | 8.71 | 20.0 | |
| DICAMBA | 1 | 7.46 | 7.41 | 7.51 | 27.4 | 17 |
| | 2 | 7.94 | 7.89 | 7.99 | 32.5 | |