Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

# DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

| | |
|---|---|
| **J** | Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL). |
| **U** | Indicates the analyte was analyzed for, but not detected. |
| **ND** | Indicates the analyte was analyzed for, but not detected |
| **E** | Indicates the reported value is estimated because of the presence of interference |
| **M** | Indicates Duplicate injection precision not met. |
| **N** | Indicates the spiked sample recovery is not within control limits. |
| **S** | Indicates the reported value was determined by the Method of Standard Addition (MSA). |
| * | Indicates that the duplicate analysis is not within control limits. |
| + | Indicates the correlation coefficient for the MSA is less than 0.995. |
| **D** | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range. |
| **M** | Method qualifiers<br>**"P"** for ICP instrument<br>**"PM"** for ICP when Microwave Digestion is used<br>**"CV"** for Manual Cold Vapor AA<br>**"AV"** for automated Cold Vapor AA<br>**"CA"** for MIDI-Distillation Spectrophotometric<br>**"AS"** for Semi –Automated Spectrophotometric<br>**"C"** for Manual Spectrophotometric<br>**"T"** for Titrimetric<br>**"NR"** for analyte not required to be analyzed |
| **OR** | Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis. |
| **Q** | Indicates the LCS did not meet the control limits requirements |
| H | Sample Analysis Out Of Hold Time |

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# LAB CHRONICLE

| | | | |
|---|---|---|---|
| **OrderID:** | Q3574 | **OrderDate:** | 11/7/2025 10:02:13 AM |
| **Client:** | Pacific Commercial Services Inc. | **Project:** | Kilo Pier |
| **Contact:** | Wendi Zheng | **Location:** | --Select--,J22,VOA Lab |

| LabID | ClientID | Matrix | Test | Method | Sample Date | Prep Date | Anal Date | Received |
|---|---|---|---|---|---|---|---|---|
| **Q3574-01** | **304641-01 Liquid** | **Water** | | | **11/04/25 08:45** | | | **11/07/25** |
| | | | Flash Point | 1010B | | | 11/19/25 09:45 | |
| | | | pH | 9040C | | | 11/10/25 13:55 | |
| **Q3574-03** | **304614-01 fuel** | **Water** | | | **11/04/25 08:45** | | | **11/07/25** |
| | | | Flash Point | 1010B | | | 11/19/25 10:35 | |

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# SAMPLE DATA

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Pacific Commercial Services Inc. | Date Collected: | 11/04/25 08:45 |
| Project: | Kilo Pier | Date Received: | 11/07/25 |
| Client Sample ID: | 304641-01 Liquid | SDG No.: | Q3574 |
| Lab Sample ID: | Q3574-01 | Matrix: | Water |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|---|
| Flash Point | 190 | | 1 | 0 | 0 | 0 | o F | | 11/19/25 09:45 | 1010B |
| pH | 6.63 | H | 1 | 0 | 0 | 0 | pH | | 11/10/25 13:55 | 9040C |

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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# Report of Analysis

| | | | |
|---|---|---|---|
| Client: | Pacific Commercial Services Inc. | Date Collected: | 11/04/25 08:45 |
| Project: | Kilo Pier | Date Received: | 11/07/25 |
| Client Sample ID: | 304614-01 fuel | SDG No.: | Q3574 |
| Lab Sample ID: | Q3574-03 | Matrix: | Water |
| | | % Solid: | 0 |

| Parameter | Conc. | Qua. | DF | MDL | LOD | LOQ / CRQL | Units | Prep Date | Date Ana. | Ana Met. |
|---|---|---|---|---|---|---|---|---|---|---|
| Flash Point | 198 | | 1 | 0 | 0 | 0 | o F | | 11/19/25 10:35 | 1010B |

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time
J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

# QC RESULT SUMMARY

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# Initial and Continuing Calibration Verification

**Client:** Pacific Commercial Services Inc. **SDG No.:** Q3574

**Project:** Kilo Pier **RunNo.:** LB137843

| Analyte | | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---|---|---|---|---|---|---|---|
| Sample ID: | ICV | | | | | | |
| pH | | pH | 7.02 | 7 | 100 | 90-110 | 11/10/2025 |
| Sample ID: | CCV1 | | | | | | |
| pH | | pH | 2.01 | 2.00 | 101 | 90-110 | 11/10/2025 |
| Sample ID: | CCV2 | | | | | | |
| pH | | pH | 12.02 | 12.00 | 100 | 90-110 | 11/10/2025 |
| Sample ID: | CCV3 | | | | | | |
| pH | | pH | 2.01 | 2.00 | 101 | 90-110 | 11/10/2025 |

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# Initial and Continuing Calibration Verification

| | | | |
|---|---|---|---|
| **Client:** | Pacific Commercial Services Inc. | **SDG No.:** | Q3574 |
| **Project:** | Kilo Pier | **RunNo.:** | LB137966 |

| Analyte | Units | Result | True Value | % Recovery | Acceptance Window (%R) | Analysis Date |
|---|---|---|---|---|---|---|
| **Sample ID:** ICV | | | | | | |
| Flash Point | o F | 82.4 | 81 | 102 | 78-84 | 11/19/2025 |

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# Duplicate Sample Summary

**Client:** Pacific Commercial Services Inc.
**SDG No.:** Q3574
**Project:** Kilo Pier
**Sample ID:** Q3595-01
**Client ID:** LAW-25-0176DUP
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| pH | pH | +/-20 | 7.13 | | 7.15 | | 1 | 0.28 | | 11/10/2025 |

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# Duplicate Sample Summary

**Client:** Pacific Commercial Services Inc.
**SDG No.:** Q3574
**Project:** Kilo Pier
**Sample ID:** Q3660-01
**Client ID:** FRAC-TANK-M21012DUP
**Percent Solids for Spike Sample:** 0

| Analyte | Units | Acceptance Limit | Sample Result | Conc. Qualifier | Duplicate Result | Conc. Qualifier | Dilution Factor | RPD/ AD | Qual | Analysis Date |
|---|---|---|---|---|---|---|---|---|---|---|
| Flash Point | o F | +/-2 | >212.0 | | >212.0 | | 1 | 0 | | 11/19/2025 |

# RAW DATA

Reviewed By:Iwona
On:11/11/2025 1:02:22 PM
Inst Id :WC PH METER-1

# Analytical Summary Report

**Analysis Method:** 9040C
**Parameter:** pH
**Run Number:** LB137843

**Analyst By :** jignesh
**Supervisor Review By :** Iwona
**Slope :** 98.2
**pH Meter ID :** WC PH METER-1

| Calibration Standards | Chemtech Log# |
|---|---|
| PH 4 BUFFER SOLUTION | W3178 |
| BUFFER PH 7.00 GREEN 1PINT PK6 | W3093 |
| PH 10.01 BUFFER,COLOR CD 475ML | W3191 |
| buffer solution pH 7 yellow | W3217 |
| Buffer Solution, PH2 (500ml) | W3161 |
| pH 12.00 Buffer | W3200 |

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.05].

True Value of CCV2 = 12.00 Control Limits[+/- 0.05].

True Value of CCV3 = 2.00 Control Limits[+/- 0.05].

| Seq | LabID | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date | Anal Time |
|---|---|---|---|---|---|---|---|---|---|
| 1 | CAL1 | 1 | Water | NA | NA | 20.2 | 4.01 | 11/10/2025 | 13:33 |
| 2 | CAL2 | 1 | Water | NA | NA | 20.2 | 7.00 | 11/10/2025 | 13:35 |
| 3 | CAL3 | 1 | Water | NA | NA | 20.3 | 10.02 | 11/10/2025 | 13:36 |
| 4 | ICV | 1 | Water | NA | NA | 20.3 | 7.02 | 11/10/2025 | 13:37 |
| 5 | CCV1 | 1 | Water | NA | NA | 20.2 | 2.01 | 11/10/2025 | 13:39 |
| 6 | Q3569-01 | 1 | Water | NA | NA | 20.5 | 6.88 | 11/10/2025 | 13:44 |
| 7 | Q3569-02 | 1 | Water | NA | NA | 20.7 | 6.49 | 11/10/2025 | 13:47 |
| 8 | Q3574-01 | 1 | Water | NA | NA | 20.2 | 6.63 | 11/10/2025 | 13:55 |
| 9 | Q3578-01 | 1 | Water | NA | NA | 20.2 | 5.02 | 11/10/2025 | 14:00 |
| 10 | Q3584-01 | 1 | Water | NA | NA | 20.6 | 6.73 | 11/10/2025 | 14:10 |
| 11 | Q3584-02 | 1 | Water | NA | NA | 20.5 | 6.39 | 11/10/2025 | 14:15 |
| 12 | Q3584-03 | 1 | Water | NA | NA | 20.5 | 6.60 | 11/10/2025 | 14:22 |
| 13 | Q3584-04 | 1 | Water | NA | NA | 20.9 | 7.40 | 11/10/2025 | 14:25 |
| 14 | Q3584-05 | 1 | Water | NA | NA | 20.5 | 7.30 | 11/10/2025 | 14:30 |
| 15 | Q3584-07 | 1 | Water | NA | NA | 20.2 | 7.60 | 11/10/2025 | 14:37 |
| 16 | CCV2 | 1 | Water | NA | NA | 20.2 | 12.02 | 11/10/2025 | 14:40 |
| 17 | Q3595-01 | 1 | Water | NA | NA | 22.8 | 7.13 | 11/10/2025 | 14:48 |
| 18 | Q3595-01DUP | 1 | Water | NA | NA | 22.9 | 7.15 | 11/10/2025 | 14:50 |
| 19 | CCV3 | 1 | Water | NA | NA | 20.3 | 2.01 | 11/10/2025 | 15:00 |

# WORKLIST(Hardcopy Internal Chain)

VB 137843

**WorkList Name :** PH Q3584 **WorkList ID :** 193013 **Department :** Wet-Chemistry **Date :** 11-10-2025 12:56:47

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3569-01 | MW-2 | Water | pH | Cool 4 deg C | REMI02 | J22 | 11/05/2025 | 9040C |
| Q3569-02 | MW-12 | Water | pH | Cool 4 deg C | REMI02 | J22 | 11/05/2025 | 9040C |
| Q3574-01 | 304641-01 Liquid | Water | pH | Cool 4 deg C | PACI01 | J22 | 11/04/2025 | 9040C |
| Q3578-01 | MH-1172025 | Water | pH | Cool 4 deg C | EURO03 | D31 | 11/07/2025 | 9040C |
| Q3584-01 | SW-1 | Water | pH | Cool 4 deg C | REMI02 | D41 | 11/06/2025 | 9040C |
| Q3584-02 | SW-2 | Water | pH | Cool 4 deg C | REMI02 | D41 | 11/07/2025 | 9040C |
| Q3584-03 | SW-3 | Water | pH | Cool 4 deg C | REMI02 | D41 | 11/07/2025 | 9040C |
| Q3584-04 | EB-2 | Water | pH | Cool 4 deg C | REMI02 | D41 | 11/07/2025 | 9040C |
| Q3584-05 | FB-2 | Water | pH | Cool 4 deg C | REMI02 | D41 | 11/06/2025 | 9040C |
| Q3584-07 | SEEP-1 | Water | pH | Cool 4 deg C | REMI02 | D41 | 11/07/2025 | 9040C |
| Q3595-01 | LAW-25-0176 | Water | pH | Cool 4 deg C | PSEG03 | D41 | 11/07/2025 | 9040C |

**Date/Time** 11-10-25 13:30
**Raw Sample Received by:**
**Raw Sample Relinquished by:**



**Date/Time** 11-10-25 17:30
**Raw Sample Received by:**
**Raw Sample Relinquished by:**

# Analytical Summary Report

**Analysis Method:** 1010B
**Parameter:** Flash Point
**Run Number:** LB137966
**Thermometer ID:** Flash Point

**Reviewed By:** rubina
**Supervisor Review By:** Iwona
**Ambient Barometric Pressure(mmHg):** 760.00
**Barometric Scale ID:** 0511064

| Reagent/Standard | Lot/Log # |
|---|---|
| p-xylene (ICV) | W3242 |

| Seq | LabID | True Value °F | DL | Initial Sample °C | Celsius °C | Result °F | Final Result °F | Anal Date | Anal Time |
|---|---|---|---|---|---|---|---|---|---|
| 1 | ICV | 81 | 1 | 8 | 28.00 | 82.4 | 82.4 | 11/19/2025 | 09:15 |
| 2 | Q3574-01 | | 1 | 9 | 88.00 | 190.4 | 190.4 | 11/19/2025 | 09:45 |
| 3 | Q3574-03 | | 1 | 9 | 92.00 | 197.6 | 197.6 | 11/19/2025 | 10:35 |
| 4 | Q3660-01 | | 1 | 14 | 100.00 | >212.0 | >212.0 | 11/19/2025 | 11:05 |
| 5 | Q3660-01DUP | | 1 | 14 | 100.00 | >212.0 | >212.0 | 11/19/2025 | 11:35 |

**Result = (Celsius * 1.8) + 32**

**Final Result = Result + (760 - Ambient Barometric Pressure) * 0.06**

# WORKLIST(Hardcopy Internal Chain)

lb137966

**WorkList Name :** FP- **WorkList ID :** 193193 **Department :** Wet-Chemistry **Date :** 11-18-2025 17:10:21

| Sample | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|---|---|---|---|---|---|---|---|---|
| Q3574-01 | 304641-01 Liquid | Water | Flash Point | Cool 4 deg C | PACI01 | J22 | 11/04/2025 | 1010B |
| Q3574-03 | 304614-01 fuel | Water | Flash Point | Cool 4 deg C | PACI01 | J22 | 11/04/2025 | 1010B |
| Q3660-01 | FRAC-TANK-M21012 | Water | Flash Point | Cool 4 deg C | PSEG03 | D41 | 11/17/2025 | 1010B |

**Date/Time** 11/19/2025 08.45
**Raw Sample Received by:** RM (WC)
**Raw Sample Relinquished by:** JS (WC)



**Date/Time** 11/19/2025 12.1
**Raw Sample Received by:** JS (WC)
**Raw Sample Relinquished by:** RM (WC)

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**Instrument ID:** WC PH METER-1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137843

| | | | |
|---|---|---|---|
| Review By | jignesh | Review On | 11/11/2025 10:24:38 AM |
| Supervise By | Iwona | Supervise On | 11/11/2025 1:02:22 PM |
| SubDirectory | LB137843 | Test | pH |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | N/A |
| ICV Standard | N/A |
| CCV Standard | N/A |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | N/A |
| Chk Standard | W3178,W3093,W3191,W3217,W3161,W3200 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | CAL1 | CAL1 | CAL | 11/10/25 13:33 | | jignesh | OK |
| 2 | CAL2 | CAL2 | CAL | 11/10/25 13:35 | | jignesh | OK |
| 3 | CAL3 | CAL3 | CAL | 11/10/25 13:36 | | jignesh | OK |
| 4 | ICV | ICV | ICV | 11/10/25 13:37 | | jignesh | OK |
| 5 | CCV1 | CCV1 | CCV | 11/10/25 13:39 | | jignesh | OK |
| 6 | Q3569-01 | MW-2 | SAM | 11/10/25 13:44 | | jignesh | OK |
| 7 | Q3569-02 | MW-12 | SAM | 11/10/25 13:47 | | jignesh | OK |
| 8 | Q3574-01 | 304641-01 Liquid | SAM | 11/10/25 13:55 | | jignesh | OK |
| 9 | Q3578-01 | MH-1172025 | SAM | 11/10/25 14:00 | | jignesh | OK |
| 10 | Q3584-01 | SW-1 | SAM | 11/10/25 14:10 | | jignesh | OK |
| 11 | Q3584-02 | SW-2 | SAM | 11/10/25 14:15 | | jignesh | OK |
| 12 | Q3584-03 | SW-3 | SAM | 11/10/25 14:22 | | jignesh | OK |
| 13 | Q3584-04 | EB-2 | SAM | 11/10/25 14:25 | | jignesh | OK |
| 14 | Q3584-05 | FB-2 | SAM | 11/10/25 14:30 | | jignesh | OK |
| 15 | Q3584-07 | SEEP-1 | SAM | 11/10/25 14:37 | | jignesh | OK |
| 16 | CCV2 | CCV2 | CCV | 11/10/25 14:40 | | jignesh | OK |
| 17 | Q3595-01 | LAW-25-0176 | SAM | 11/10/25 14:48 | | jignesh | OK |
| 18 | Q3595-01DUP | LAW-25-0176DUP | DUP | 11/10/25 14:50 | | jignesh | OK |

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**Instrument ID:** WC PH METER-1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137843

| | | | |
|---|---|---|---|
| Review By | jignesh | Review On | 11/11/2025 10:24:38 AM |
| Supervise By | Iwona | Supervise On | 11/11/2025 1:02:22 PM |
| SubDirectory | LB137843 | Test | pH |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | N/A |
| ICV Standard | N/A |
| CCV Standard | N/A |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | N/A |
| Chk Standard | W3178,W3093,W3191,W3217,W3161,W3200 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 19 | CCV3 | CCV3 | CCV | 11/10/25 15:00 | | jignesh | OK |

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**Instrument ID:** IGN-1

## Daily Analysis Runlog For Sequence/QCBatch ID # LB137966

| | | | |
|---|---|---|---|
| Review By | rubina | Review On | 11/19/2025 1:09:44 PM |
| Supervise By | Iwona | Supervise On | 11/19/2025 1:10:20 PM |
| SubDirectory | LB137966 | Test | Flash Point |

| STD. NAME | STD REF.# |
|---|---|
| ICAL Standard | N/A |
| ICV Standard | N/A |
| CCV Standard | N/A |
| ICSA Standard | N/A |
| CRI Standard | N/A |
| LCS Standard | N/A |
| Chk Standard | W3242 |

| Sr# | SampleId | ClientID | QcType | Date | Comment | Operator | Status |
|---|---|---|---|---|---|---|---|
| 1 | ICV | ICV | ICV | 11/19/25 09:15 | | rubina | OK |
| 2 | Q3574-01 | 304641-01 Liquid | SAM | 11/19/25 09:45 | | rubina | OK |
| 3 | Q3574-03 | 304614-01 fuel | SAM | 11/19/25 10:35 | | rubina | OK |
| 4 | Q3660-01 | FRAC-TANK-M21012 | SAM | 11/19/25 11:05 | | rubina | OK |
| 5 | Q3660-01DUP | FRAC-TANK-M21012 | DUP | 11/19/25 11:35 | | rubina | OK |

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# Prep Standard - Chemical Standard Summary

**Order ID :** Q3574

**Test :** Flash Point,pH

**Prepbatch ID :**

**Sequence ID/Qc Batch ID:** LB137843,LB137966,

**Standard ID :**

**Chemical ID :**
W3093,W3161,W3178,W3191,W3200,W3217,W3242,

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | 566002 / BUFFER PH 7.00 GREEN 1PINT PK6 | 44001f99 | 12/31/2025 | 04/03/2024 / jignesh | 04/02/2024 / jignesh | W3093 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | AL13850-1 / Buffer Solution, PH2 (500ml) | 2411E26 | 10/31/2026 | 12/09/2024 / Iwona | 12/09/2024 / Iwona | W3161 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | AL14055-3 / PH 4 BUFFER SOLUTION | 2411A93 | 10/30/2026 | 04/01/2025 / JIGNESH | 01/27/2025 / jignesh | W3178 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | 1601-1 / PH 10.01 BUFFER,COLOR CD 475ML | 2410F80 | 03/31/2026 | 04/01/2025 / JIGNESH | 03/13/2025 / jignesh | W3191 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| RICCA CHEMICAL COMPANY | 1615-16 / pH 12.00 Buffer | 2504F20 | 09/30/2026 | 04/11/2025 / Iwona | 04/11/2025 / Iwona | W3200 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | AL14455-3 / buffer solution pH 7 yellow | 2504D34 | 03/31/2027 | 07/02/2025 / jignesh | 06/26/2025 / Iwona | W3217 |

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# CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|---|---|---|---|---|---|
| PCI Scientific Supply, Inc. | TCX0014-500ML / p-xylene | WZWEH-WU | 10/03/2029 | 10/06/2025 / rubina | 10/03/2025 / Iwona | W3242 |

RICCA CHEMICAL COMPANY®

1490 Lammers Pike
Batesville, IN 47006
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

W3093 0941 04/03/2024 LG

# Certificate of Analysis

## Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Yellow)

**Lot Number:** 4401F99 **Product Number:** 1551

**Manufacture Date:** JAN 08, 2024
**Expiration Date:** DEC 2025

The certified value for this product is confirmed in independent testing by a second qualified chemist.
The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

| °C | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 7.12 | 7.09 | 7.06 | 7.04 | 7.02 | 7.00 | 6.99 | 6.98 | 6.98 | 6.97 | 6.97 |

| Name | CAS# | Grade |
|---|---|---|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Sodium Phosphate Dibasic | 7558-79-4 | ACS |
| Potassium Dihydrogen Phosphate | 7778-77-0 | ACS |
| Preservative | Proprietary | |
| Yellow Dye | Proprietary | |
| Sodium Hydroxide | 1310-73-2 | |

| Test | Specification | Result | |
|---|---|---|---|
| Appearance | Yellow liquid | Passed | *Not a certified value. |

| Test | Certified Value | Uncertainty | NIST SRM# |
|---|---|---|---|
| pH at 25°C (Method: SQCP027, SQCP033) | 7.004 | 0.02 | 186-I-g, 186-II-g, 191d |

| Specification | Reference |
|---|---|
| Commercial Buffer Solutions | ASTM (D 1293 B) |
| Buffer A | ASTM (D 5464) |
| Buffer A | ASTM (D 5128) |

pH measurements were performed in our Batesville, IN laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.02) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|---|---|---|
| 1551-1 | 4 L natural poly | 24 months |
| 1551-1CT | 4 L Cubitainer® | 24 months |
| 1551-2.5 | 10 L Cubitainer® | 24 months |
| 1551-5 | 20 L Cubitainer® | 24 months |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

Paul Brandon (01/08/2024)
Production Manager
This document is designed to comply with ISO Guide 31 "Reference Materials -- Contents of Certificates and Labels."

## This product was tested in an ISO 17025 Accredited Laboratory

RICCA CHEMICAL COMPANY®

W3161 Rec. on 12/09/24 by IZ

1841 Broad Street
Pocomoke City, MD 21851
http://www.riccachemical.com
1-888-GO-RICCA
customerservice@riccachemical.com

# Certificate of Analysis

## Buffer, Reference Standard, pH 2.00 ± 0.01 at 25°C

**Lot Number:** 2411E26 **Product Number:** 1493

**Manufacture Date:** NOV 11, 2024
**Expiration Date:** OCT 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.
The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

| °C | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---|---|---|---|---|---|---|---|---|---|
| pH | 1.93 | 1.98 | 1.98 | 2.00 | 2.01 | 2.03 | 2.03 | 2.04 | 2.04 |

| Name | CAS# | Grade |
|---|---|---|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Potassium Chloride | 7447-40-7 | ACS |
| Hydrochloric Acid | 7647-01-0 | ACS |

| Test | Specification | Result | |
|---|---|---|---|
| Appearance | Colorless liquid | Passed | *Not a certified value. |

| Test | Certified Value | Uncertainty | NIST SRM# |
|---|---|---|---|
| pH at 25°C (Method: SQCP027, SQCP033) | 1.994 | 0.02 | 185i, 186-I-g, 186-II-g |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|---|---|---|
| 1493-1 | 4 L natural poly | 24 months |
| 1493-16 | 500 mL natural poly | 24 months |
| 1493-1CT | 4 L Cubitainer® | 24 months |
| 1493-2.5 | 10 L Cubitainer® | 24 months |
| 1493-32 | 1 L natural poly | 24 months |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

Jose Pena (11/11/2024)
Operations Manager

## This product was tested in an ISO 17025 Accredited Laboratory

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Pocomoke City, MD 21851
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customerservice@riccachemical.com

# Certificate of Analysis

W3178 58

## Buffer, Reference Standard, pH 4.00 ± 0.01 at 25°C (Color Coded Red)

**Lot Number:** 2411A93 **Product Number:** 1501 **Manufacture Date:** NOV 04, 2024
**Expiration Date:** OCT 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.
The NIST Traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

| °C | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.00 | 4.01 | 4.02 | 4.03 | 4.04 | 4.06 |

| Name | CAS# | Grade |
|---|---|---|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Potassium Acid Phthalate | 877-24-7 | Buffer |
| Preservative | Proprietary | Commercial |
| Red Dye | Proprietary | Purified |

| Test | Specification | Result | |
|---|---|---|---|
| Appearance | Red liquid | Passed | *Not a certified value. |

| Test | Certified Value | Uncertainty | NIST SRM# |
|---|---|---|---|
| pH at 25°C (Method: SQCP027, SQCP033) | 4.008 | 0.02 | 185i, 186-I-g, 186-II-g |

| Specification | Reference |
|---|---|
| Commercial Buffer Solutions | ASTM (D 1293 B) |
| Buffer B | ASTM (D 5464) |
| Buffer B | ASTM (D 5128) |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|---|---|---|
| 1501-16 | 500 mL natural poly | 24 months |
| 1501-2.5 | 10 L Cubitainer® | 24 months |
| 1501-5 | 20 L Cubitainer® | 24 months |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

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1841 Broad Street
Pocomoke City, MD 21851
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customerservice@riccachemical.com

W3191 W3191 Receive Date: 03/18/25 JP

# Certificate of Analysis

## Buffer, Reference Standard, pH 10.00 ± 0.01 at 25°C (Color Coded Blue)

**Lot Number:** 2410F80 **Product Number:** 1601 **Manufacture Date:** OCT 09, 2024

**Expiration Date:** MAR 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.
The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

| °C | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|
| pH | 10.31 | 10.23 | 10.17 | 10.11 | 10.05 | 10.00 | 9.95 | 9.91 | 9.87 | 9.81 |

| Name | CAS# | Grade |
|---|---|---|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Sodium Carbonate | 497-19-8 | ACS |
| Sodium Bicarbonate | 144-55-8 | ACS |
| Sodium Hydroxide | 1310-73-2 | Reagent |
| Preservative | Proprietary | |
| Blue Dye | Proprietary | |

| Test | Specification | Result | |
|---|---|---|---|
| Appearance | Blue liquid | Passed | *Not a certified value. |

| Test | Certified Value | Uncertainty | NIST SRM# |
|---|---|---|---|
| pH at 25°C (Method: SQCP027, SQCP033) | 10.009 | 0.02 | 186-I-g, 186-II-g, 191d |

| Specification | Reference |
|---|---|
| Commercial Buffer Solutions | |
| Buffer C | ASTM (D 1293 B) |
| Buffer C | ASTM (D 5464) |
| | ASTM (D 5128) |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|---|---|---|
| 1601-1 | 4 L natural poly | 18 months |
| 1601-16 | 500 mL natural poly | 18 months |
| 1601-1CT | 4 L Cubitainer® | 18 months |
| 1601-2.5 | 10 L Cubitainer® | 18 months |
| 1601-32 | 1 L natural poly | 18 months |
| 1601-5 | 20 L Cubitainer® | 18 months |

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W3200 Received on 04/11/2025 by IZ

# Certificate of Analysis

## Buffer, Reference Standard, pH 12.00 ± 0.01 at 25°C

**Lot Number:** 2504F20 **Product Number:** 1615

**Manufacture Date:** APR 08, 2025
**Expiration Date:** SEP 2026

The certified value for this product is confirmed in independent testing by a second qualified chemist.

| °C | 15 | 20 | 25 | 30 | 35 | 40 |
|---|---|---|---|---|---|---|
| pH | 12.35 | 12.17 | 11.99 | 11.78 | 11.62 | 11.46 |

| Name | CAS# | Grade |
|---|---|---|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Potassium Chloride | 7447-40-7 | ACS |
| Sodium Hydroxide | 1310-73-2 | Reagent (from ACS) |

| Test | Specification | Result | |
|---|---|---|---|
| Appearance | Colorless liquid | Passed | *Not a certified value. |

| Test | Certified Value | Uncertainty | NIST SRM# |
|---|---|---|---|
| pH at 25°C (Method: SQCP027, SQCP033) | 12.009 | 0.02 | 186-I-g, 186-II-g, 191d |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|---|---|---|
| 1615-1 | 4 L natural poly | 18 months |
| 1615-16 | 500 mL clear PET-G | 18 months |
| 1615-5 | 20 L Cubitainer® | 18 months |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

Jose Pena (04/08/2025)
Operations Manager

## This product was tested in an ISO 17025 Accredited Laboratory

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# Certificate of Analysis

## Buffer, Reference Standard, pH 7.00 ± 0.01 at 25°C (Color Coded Yellow)

**Lot Number:** 2504D34 **Product Number:** 1551

**Manufacture Date:** APR 03, 2025
**Expiration Date:** MAR 2027

The certified value for this product is confirmed in independent testing by a second qualified chemist.
The NIST traceable pH value is certified to ±0.01 at 25 °C only. All other pH values at their corresponding temperatures are accurate to ± 0.05.

| °C | 0 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pH | 7.12 | 7.09 | 7.06 | 7.04 | 7.02 | 7.00 | 6.99 | 6.98 | 6.98 | 6.97 | 6.97 |

| Name | CAS# | Grade |
|---|---|---|
| Water | 7732-18-5 | ACS/ASTM/USP/EP |
| Sodium Phosphate Dibasic | 7558-79-4 | ACS |
| Potassium Dihydrogen Phosphate | 7778-77-0 | ACS |
| Preservative | Proprietary | |
| Yellow Dye | Proprietary | |
| Sodium Hydroxide | 1310-73-2 | Reagent (from ACS) |

| Test | Specification | Result | |
|---|---|---|---|
| Appearance | Yellow liquid | Passed | *Not a certified value. |

| Test | Certified Value | Uncertainty | NIST SRM# |
|---|---|---|---|
| pH at 25°C (Method: SQCP027, SQCP033) | 7.003 | 0.02 | 186-I-g, 186-II-g, 191d |

| Specification | Reference |
|---|---|
| Commercial Buffer Solutions | ASTM (D 1293 B) |
| Buffer A | ASTM (D 5464) |
| Buffer A | ASTM (D 5128) |

pH measurements were performed in our Pocomoke City, MD laboratory under ISO/IEC 17025 accreditation (ANAB Certificate L2387.01) and are certified traceable to National Institute of Standards and Technology (NIST) Standard Reference Material as indicated above via an unbroken chain of comparisons. The uncertainty is calculated from the uncertainty of the measurement variation from sample to sample, the uncertainty in the NIST Standard Reference Material, and the uncertainty of the measurement process. The uncertainty is multiplied by k=2, corresponding to 95% coverage in a normal distribution. Volumetric glassware complies with Class A tolerance requirements of ASTM E 288 and NIST Circular 434; it is calibrated before first use and recalibrated regularly in accordance with ASTM E 542 and NIST Procedure NBSIR 74-461. Balances are calibrated regularly with weights certified traceable to the NIST national mass standard. Thermometers and temperature probes are calibrated before first use and recalibrated regularly with a thermometer traceable to NIST standards. All products are prepared according to master documents that assure manufacture according to validated methods. Batch records document raw material traceability and production and testing history for each lot manufactured.

| Part Number | Size / Package Type | Shelf Life (Unopened Container) |
|---|---|---|
| 1551-2.5 | 10 L Cubitainer® | 24 months |
| 1551-20 | 20 x 20 mL pack | 24 months |
| 1551-32 | 1 L natural poly | 24 months |
| 1551-5 | 20 L Cubitainer® | 24 months |

**Recommended Storage:** 15°C - 30°C (59°F - 86°F)

Jose Pena (04/03/2025)
Operations Manager

## This product was tested in an ISO 17025 Accredited Laboratory

W3242 Received on 10/3/25 by IZ

# Certificate of Analysis

10/06/2025(JST)

TOKYO CHEMICAL INDUSTRY CO.,LTD.
T-PLUS Nihonbashi-Kodemmacho
16-12 Nihonbashi-kodemmacho, Chuo-ku, Tokyo 103-0001, Japan

| Chemical Name: ***p*-Xylene** | | |
|---|---|---|
| Product Number: X0014<br>CAS RN: 106-42-3 | Lot: WZWEH | |

| Tests | Results | Specifications |
|---|---|---|
| Appearance | Colorless clear liquid | Colorless to Almost colorless clear liquid |
| Purity(GC) | 99.7 % | min. 99.0 % |

TCI Lot numbers are 4-5 characters in length. Characters listed after the first 4-5 characters are control numbers for internal purpose only.
The contents of the specifications are subject to change without advance notice. The specification values displayed here are the most up to date values. There may be cases where the product labels display a different specification, however, the product quality still meets the latest specification.

**Customer Service:**

TCI AMERICA
Tel: +1-800-423-8616 / +1-503-283-1681
Fax: +1-888-520-1075 / +1-503-283-1987
E-mail: Sales-US@TCIchemicals.com

Takuya Nishioka
Quality Assurance Department Manager

# SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q3574

COC Number:

## CLIENT INFORMATION

COMPANY: Pacific Commercial Services, Inc.
ADDRESS: 91-254 Olai Street
CITY Kapolei STATE: HI ZIP: 96707
ATTENTION: Wendi Zheng
PHONE: 808-545-4599 FAX:

## PROJECT INFORMATION

PROJECT NAME: Kilo Pier
PROJECT #: 304641-01 LOCATION: JBPHH
PROJECT MANAGER: Wendi Zheng, Daniel Barragan
E-MAIL: Wendi.Zheng@pcshi.com
PHONE:808-729-0889 FAX:

## BILLING INFORMATION

BILL TO: Pacific Commercial Services PO#
ADDRESS: PO Box 235117
CITY: Honolulu STATE: HI ZIP: 96823
ATTENTION: PHONE:

## DATA TURNAROUND INFORMATION

FAX:_____ DAYS*
HARD COPY:_____DAYS*
EDD_____DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

- ☐ RESEULTS ONLY
- ☐ RESULTS + QC
- ☐ New Jersey REDUCED
- ☐ New Jersey CLP
- ☐ EDD Format_____
- ☐ USEPA CLP
- ☐ New York State ASP "B"
- ☐ New York State ASP "A"
- ☐ Other_____

## ANALYSIS

| | TPH GC | GRO | VOC | PCB | Priority metals | RCRA 8 TCLP metals | pH | Flash point | PAH |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| PRESERVATIVES | | A | A | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

COMMENTS

<-- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

| CHEMTECH SAMPLE ID | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX | SAMPLE TYPE COMP | SAMPLE TYPE GRAB | SAMPLE COLLECTION DATE | SAMPLE COLLECTION TIME | # of Bottles | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. | 304641-01-~~Wash water~~ liquid | | | X | 11/4/25 | 8:45 | 9 | X | X | X | X | X | X | X | X | X |
| 2. | 304614-01-Fuel | | | X | 11/4/25 | 8:45 | 1 | | | | | | | | X | |
| 3. | | | | | | | | | | | | | | | | |
| 4. | | | | | | | | | | | | | | | | |
| 5. | | | | | | | | | | | | | | | | |
| 6. | | | | | | | | | | | | | | | | |
| 7. | | | | | | | | | | | | | | | | |
| 8. | | | | | | | | | | | | | | | | |
| 9. | | | | | | | | | | | | | | | | |
| 10. | | | | | | | | | | | | | | | | |

## SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSION INCLUDING COURIER DELIVERY

| RELINQUISHED BY SAMPLER | DATE/TIME | RECEIVED BY |
|---|---|---|
| 1. Amrit Krishna | 11/4/25 | 1. |
| RELINQUISHED BY | DATE/TIME | RECEIVED BY |
| 2. | 11/6/25 10:35 | 2. |
| RELINQUISHED BY | DATE/TIME 9:40 | RECEIVED FOR LAB BY |
| 3. | 11/7/25 | 3. |

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 2.3 °C
☐ Ice in Cooler?: Yes
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments:
13.7 + 0.2 = 13.9 (FEDEX)
IR Gun #1

Page_____of_____

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

**From:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Sent:** Monday, November 10, 2025 12:10 PM
**Subject:** Re: low volume

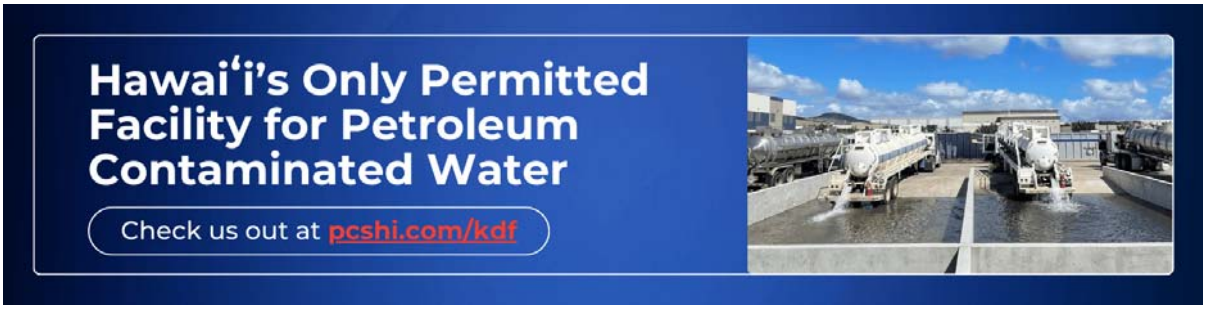


Hi Deepak,

Please remove PCB testing. Thank you.

Mahalo,

**WENDI ZHENG, P.E.**
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
(808) 545-4599 | (808)-729-0889
Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823






---

**From:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Sent:** Monday, November 10, 2025 6:36:58 AM
**To:** Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Cc:** Amrit Krishna <Amrit.Krishna@pcshi.com>
**Subject:** Re: low volume

hello,

just following bellowed email.

**Thanks & Regards,**

**Deepak Parmar**
Sr. Project Manager
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3154
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XoqFf4B-TCQ?u=http://www.alliancetg.com

---

**From:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Sent:** Monday, November 10, 2025 9:44 AM
**To:** Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Cc:** Amrit Krishna <Amrit.Krishna@pcshi.com>
**Subject:** Re: low volume

good morning,

lab received only two ambers for three different analysis PCB,SVOC and THP GC. It's not enough volume to do all three analyses. let us know to procced with analysis ?

**Thanks & Regards,**

**Deepak Parmar**
Sr. Project Manager
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3154
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XoqFf4B-TCQ?u=http://www.alliancetg.com

---

**From:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Sent:** Monday, November 3, 2025 9:23 AM

**To:** Wendi Zheng <Wendi.Zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Cc:** Amrit Krishna <Amrit.Krishna@pcshi.com>
**Subject:** Re: Lab accreditation

Good morning,

The address is correct and see attached COC.

Sample Receiving
284 Sheffield Street
Mountainside, NJ 07092

**Thanks & Regards,**

**Deepak Parmar**
Sr. Project Manager
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3154
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/9f2ef6b5/Lb2vAfFvVE2XoqFf4B-TCQ?u=http://www.alliancetg.com

---

**From:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Sent:** Monday, November 3, 2025 12:43 AM
**To:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Cc:** Amrit Krishna <Amrit.Krishna@pcshi.com>
**Subject:** RE: Lab accreditation



Hi Mohammad and Deepak,

We are planning to send out the sample in a couple days. Can you please confirm the address is 284 Sheffield St, Ste 1, Mountainside, NJ 07092 and provide the electronic COC? Thank you.

Mahalo,

**WENDI ZHENG, P.E.**
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
(808) 545-4599 | (808)-729-0889
Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823




**From:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Sent:** Thursday, October 30, 2025 6:36 AM
**To:** Wendi Zheng <Wendi.Zheng@pcshi.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Subject:** Re: Lab accreditation

Wendi,
yes.

**Mohammad Ahmed**
**Laboratory Director**
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3151
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
**https://link.edgepilot.com/s/579858cd/1XwBLU0MzEOueUPGfi45Yw?u=http://**

**From:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Sent:** Thursday, October 30, 2025 12:30 PM
**To:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Subject:** RE: Lab accreditation



Thank you Mohammad!

Is preservative for GRO/VOC HCl? Priority metals with HNO3?

Mahalo,

**WENDI ZHENG, P.E.**
Sr. Environmental Engineer
Pacific Commercial Services, Inc.
(808) 545-4599 | (808)-729-0889
Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823

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**From:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Sent:** Thursday, October 30, 2025 6:26 AM
**To:** Wendi Zheng <Wendi.Zheng@pcshi.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Subject:** Re: Lab accreditation

Wendi,
we will need following .

- TPH GC 1L Amber
- GRO 2 40ML VOA vials preserve
- VOC 2 40ML VOA vials preserve
- PCB 1L Amber
- Priority metals, including RCRA 8 metals 1 preserve 250ml plastic
- TCLP RCRA 8 metals non preserve 1 500ml plastic
- Flash point (we can run this test). 1 500ml plastic ( this will be used for pH and Flash point
- pH
- PAH 1L Amber

**Mohammad Ahmed**
**Laboratory Director**
**An Alliance Technical Group Company**
**Main:** 908-789-8900
**Direct:** 908-728-3151
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092
https://link.edgepilot.com/s/7df9f984/8lGSGRy6gUG1i64iMgA92g?u=http://ww

There's a better way.

**From:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Sent:** Thursday, October 30, 2025 12:14 PM
**To:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>; Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Subject:** RE: Lab accreditation



Hi Mohammad and Deepak,

For the project we need analysis now the matrix is 10% jet fuel and 90% water. We would like to analyze the water phase for all analysis plus flash point testing on the fuel. Thank you.

Mahalo,

**Wendi Zheng, P.E.**
Environmental Engineer

**Pacific Commercial Services, Inc.**
91-254 Olai Street, Kapolei, HI 96707
Cell: 808-729-0889

Office: 808-545-4599
Website: www.pcshi.com



Mahalo,

**WENDI ZHENG, P.E.**
Sr. Environmental Engineer
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(808) 545-4599 | (808)-729-0889

Wendi.Zheng@pcshi.com | www.pcshi.com
P.O. Box 235117 Honolulu, HI 96823




**From:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Sent:** Thursday, October 30, 2025 6:02 AM
**To:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Cc:** Deepak Parmar <Deepak.Parmar@alliancetg.com>
**Subject:** Re: Lab accreditation

Hi Wendi,

Thank you for confirming the details and for sending over the signed quote.

I'm cc'ing Deepak, who will be the Project Manager for this effort moving forward. He will coordinate all logistics, including sample container requests, shipping, and the electronic Chain of Custody (COC) file you mentioned.

Quick question: I'm assuming these samples are aqueous in nature — a mixture of fuel and water. Could you please confirm whether we are analyzing **both layers** or **just the water layer**? Once I have that clarification, I'll be able to advise on the appropriate bottles and the volume required.

Please feel free to reach out to Deepak directly for any operational or scheduling needs for future projects. I'll remain available for any technical questions or support as needed.

Looking forward to a smooth and successful collaboration.

**Mohammad Ahmed**
**Laboratory Director**
**An Alliance Technical Group Company**
**Main:** 908-789-8900

**Direct:** 908-728-3151
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092



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**From:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Sent:** Thursday, October 30, 2025 11:41 AM
**To:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Cc:** Reza Tand <Reza.Tand@AllianceTG.com>
**Subject:** RE: Lab accreditation



Hi Mohammad,

Thank you very much for the quick response. Attached is the signed quote. Please see below answers highlighted.

Can you please let me know what sample containers you will need for the testing? Can you send me an electronic COC file?

1. Will you require a **Level 1 or Level 2 data package**? Level 2
2. Do you need any **Electronic Data Deliverables (EDD)**? Not for this project
3. For **PAH analysis**, do you need **low-level detection limits** or standard limits? Standard limits.

Mahalo,

**WENDI ZHENG, P.E.**

Sr. Environmental Engineer

Pacific Commercial Services, Inc.

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Wendi.Zheng@pcshi.com | www.pcshi.com

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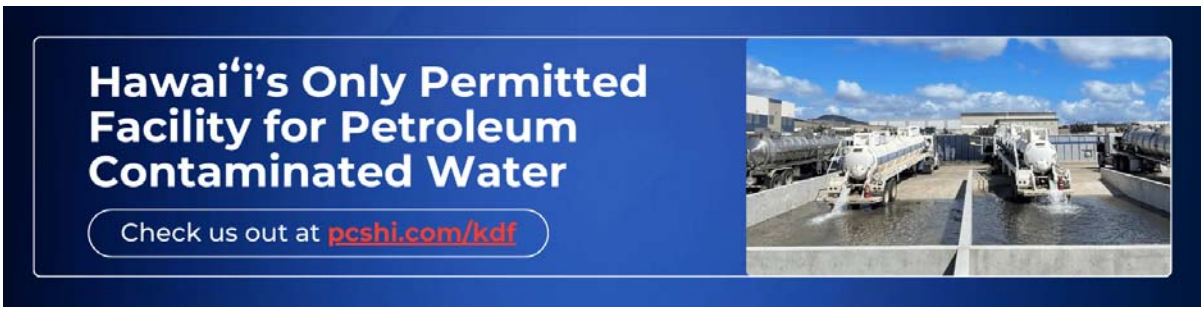




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**From:** Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Sent:** Thursday, October 30, 2025 5:21 AM
**To:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Cc:** Reza Tand <Reza.Tand@AllianceTG.com>
**Subject:** Re: Lab accreditation

Hi Wendi,

It's a pleasure to meet you, and thank you for reaching out.

Our New Jersey lab is DOD certified and fully equipped to perform the analyses you listed for the fuel and water mixture sample. Please see the attached quote for your review.

To ensure we process your samples accurately and efficiently upon arrival, could you please confirm the following:

1. Will you require a **Level 1 or Level 2 data package**?
2. Do you need any **Electronic Data Deliverables (EDD)**?
3. For **PAH analysis**, do you need **low-level detection limits** or standard limits?

We look forward to working with you and supporting your project needs.


**Mohammad Ahmed**
**Laboratory Director**
**An Alliance Technical Group Company**
**Main:** 908-789-8900

**Direct:** 908-728-3151
**Address:** 284 Sheffield St, Ste 1, Mountainside, NJ 07092

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**From:** Reza Tand <Reza.Tand@AllianceTG.com>
**Sent:** Thursday, October 30, 2025 10:28 AM
**To:** wendi.zheng@pcshi.com <wendi.zheng@pcshi.com>; Mohammad Ahmed <mohammad.ahmed@alliancetg.com>
**Cc:** Amy Getz <Amy.Getz@alliancetg.com>; Jennifer Woolf <Jennifer.Woolf@AllianceTG.com>
**Subject:** RE: Lab accreditation

Hi Wendi ,

Our Ohio lab is not DOD certified but our NJ location is DOD certified .

I have the NJ lab director ( Mohammad) included here which will provide a quote for your request .

@Mohammad Ahmed please process Wendi's request for cost proposal .

Thanks,

Reza

**Reza Tand (He/Him)**

**Lab Director**

Tel: 330-253-8211

Fax: 330-253-4489

Mobile: 774-329-9164

Address: 3310, Win St, Cuyahoga falls, Ohio 44223

https://link.edgepilot.com/s/5b101028/_g3snDVeGECVDnZabnPQYg?u=http://www.alliancetg.com/



*Please note, my new email address will be Reza.Tand@alliancetg.com. Please ask your IT department to whitelist the following domain from which you could receive email contact from Alliance to ensure emails do not go into the SPAM file: AllianceTG.com*

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**From:** Wendi Zheng <Wendi.Zheng@pcshi.com>
**Sent:** Wednesday, October 29, 2025 3:16 PM
**To:** Amy Getz <Amy.getz@alliancetg.com>
**Cc:** Jennifer Woolf <jennifer.woolf@alliancetg.com>
**Subject:** FW: Lab accreditation



Hi Amy,

Could you please let me know if your lab is DOD accredited? We have a fuel and water mixture sample need testing as below. Thank you.

- Water

Mahalo,

**WENDI ZHENG, P.E.**

Sr. Environmental Engineer

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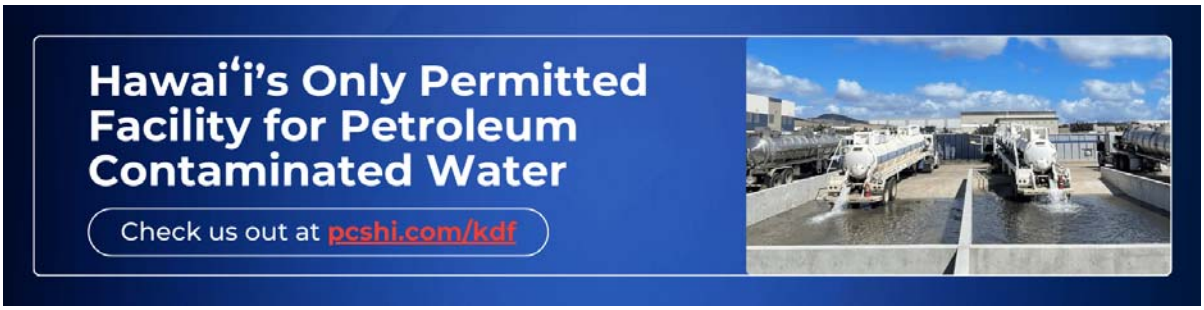




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**From:** Wendi Zheng
**Sent:** Wednesday, October 29, 2025 9:13 AM
**To:** Jennifer Woolf <jennifer.woolf@alliancetg.com>
**Subject:** Lab accreditation

Hi Jennifer,

Could you please let me know if your lab is DOD accredited? We have a fuel and water mixture sample need testing as below. Thank you.

- TPH G/D/O
- VOC
- PCB
- Priority metals, including RCRA 8 metals
- TCLP RCRA 8 metals
- Flash point (please let me know if your lab can run this test)
- pH
- PAH

Mahalo,

**WENDI ZHENG, P.E.**

Sr. Environmental Engineer

Pacific Commercial Services, Inc.

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Wendi.Zheng@pcshi.com | www.pcshi.com

P.O. Box 235117 Honolulu, HI 96823

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

# Laboratory Certification

| Certified By | License No. |
|---|---|
| | |
| Connecticut | PH-0830 |
| | |
| DOD ELAP (ANAB) | L2219 |
| | |
| Maine | 2024021 |
| | |
| Maryland | 296 |
| | |
| New Hampshire | 255425 |
| | |
| New Jersey | 20012 |
| | |
| New York | 11376 |
| | |
| Pennsylvania | 68-00548 |
| | |
| Soil Permit | 525-24-234-08441 |
| | |
| Texas | TX-C25-00189 |
| | |
| Virginia | 460312 |

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3574 PACI01
**Client Name :** Pacific Commercial Service
**Client Contact :** Wendi Zheng
**Invoice Name :** Pacific Commercial Service
**Invoice Contact :** Wendi Zheng

**Order Date :** 11/7/2025 10:02:13 AM
**Project Name :** Kilo Pier
**Receive DateTime :** 11/7/2025 9:40:00 AM
**Purchase Order :**

**Project Mgr :** Deepak
**Report Type :** Level 2
**EDD Type :** EXCEL NOCLEANUP
**Hard Copy Date :**
**Date Signoff :** 11/7/2025 11:34:12 AM

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3574-01 | 304641-01 Liquid | Water | 11/04/2025 | 08:45 | | | | | |
| | | | | | Gasoline Range Organics | | 8015D | | 10 Bus. Days |

**Relinquished By :**
**Date / Time :** 11/7/25 1145

**Received By :**
**Date / Time :** 11/07/25 11:45

**Storage Area :** **VOA Refridgerator Room**

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

# LOGIN REPORT/SAMPLE TRANSFER

**Order ID :** Q3574 PACI01
**Client Name :** Pacific Commercial Service
**Client Contact :** Wendi Zheng
**Invoice Name :** Pacific Commercial Service
**Invoice Contact :** Wendi Zheng

**Order Date :** 11/7/2025 10:02:13 AM
**Project Name :** Kilo Pier
**Receive DateTime :** 11/7/2025 9:40:00 AM
**Purchase Order :**

**Project Mgr :** Deepak
**Report Type :** Level 2
**EDD Type :** EXCEL NOCLEANUP
**Hard Copy Date :**
**Date Signoff :** 11/7/2025 11:34:12 AM

| LAB ID | CLIENT ID | MATRIX | SAMPLE DATE | SAMPLE TIME | TEST | TEST GROUP | METHOD | FAX DATE | DUE DATES |
|---|---|---|---|---|---|---|---|---|---|
| Q3574-01 | 304641-01 Liquid | Water | 11/04/2025 | 08:45 | | | | | |
| | | | | | VOC-TCLVOA-10 | | 8260-Low | | 10 Bus. Days |

**Relinguished By :**
**Date / Time :** 11/7/25 1145

**Received By :**
**Date / Time :** 11/7/25 11.45 Bg # 4

**Storage Area : VOA Refridgerator Room**