

Prep Standard - Chemical Standard Summary

Order ID : P4822

Test : Pesticide-TCL

Prepbatch ID : PB164939,

Sequence ID/Qc Batch ID: PL111324,

Standard ID :

EP2539,EP2557,PP23517,PP23673,PP23674,PP23675,PP23676,PP23677,PP23678,PP23679,PP23680,PP23681,PP23682,PP23683,PP23686,PP23687,PP23690,PP23693,PP23695,PP23698,PP23733,PP23793,PP23858,PP23928,

Chemical ID :

E2865,E3551,E3770,E3792,E3793,E3805,E3806,E3815,E3818,E3826,P11146,P11896,P13036,P13039,P13244,P1334 9,P13350,P13351,P13359,P13402,



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Extractions STANDARD PREPARATION LOG

| Recipe ID 230 | NAME 1:1ACETONE/HEXANE | <u>NO.</u> EP2539 | Prep Date 09/17/2024 | | <u>Prepared</u> <u>By</u> Rajesh Parikh | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By RUPESHKUMAR SHAH 09/17/2024 |
|---------------------|-----------------------------------|----------------------|-------------------------|-----------------|---|------------------------|--------------------------|--|
| FROM | 4000.00000ml of E3792 + 4000.0000 | 10ml of E37 | 93 = Final Qu | antity: 8000.00 | 0 ml | | | |

| Recipe | | | | Expiration | Prepared | | | Supervised By |
|---------------|-----------------------------------|--------------|------------|-------------|------------|----------------|-----------|---------------|
| ID | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | PipetteID | Rajesh Parikh |
| 3923 | Baked Sodium Sulfate | EP2557 | 11/10/2024 | 01/03/2025 | RUPESHKUMA | | None | - |
| | | | | | R SHAH | ALE_2 | | 11/10/2024 |
| FROM | 4000.00000gram of E3551 = Final C | uantity: 400 | 0.000 gram | | | (EX-SC-2) | | |
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| Recipe ID 4027 | NAME Pesticide resolution Check Mixture 8081 | <u>NO.</u> PP23517 | Prep Date 07/12/2024 | Expiration Date 01/12/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 07/16/2024 |
|----------------------|--|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| FROM | 1.00000ml of E3770 + 99.00000ml of | f P13244 = | Final Quantity | /: 100.000 ml | | | | |

| <u>Recipe</u> <u>ID</u> 84 | NAME Pest/PCB Surrogate Stock 20 PPM | <u>NO.</u> PP23673 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | <u>Prepared</u> <u>By</u> Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|----------------------------------|--|-----------------------|--------------------------------|----------------------------------|---|------------------------|--------------------------|---|
| FROM | 1.00000ml of P13349 + 9.00000ml of | FE3792 = F | inal Quantity: | 10.000 ml | | | | |
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| Recipe ID 3629 | NAME 20 PPM PEST stock Solution 1st source(RESTEK) | <u>NO.</u> PP23674 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | <u>Supervised By</u> Ankita Jodhani 10/01/2024 |
|----------------------|--|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|--|
| FROM | 1.00000ml of P13036 + 9.00000ml of | f E3792 = F | inal Quantity: | 10.000 ml | | | | |

| <u>Recipe</u> <u>ID</u> 1472 | NAME 20 PPM Pest Stock Solution 2nd Source | <u>NO.</u> PP23675 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | <u>Prepared</u> <u>By</u> Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|------------------------------------|--|-----------------------|--------------------------------|----------------------------------|---|------------------------|--------------------------|---|
| FROM | 1.00000ml of P13039 + 9.00000ml of | E3792 = F | inal Quantity: | 10.000 ml | | | | 10/01/2024 |
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| Recipe ID 1273 | NAME 20 PPM Mirex Stock (Primary Source) | <u>NO.</u> PP23676 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|----------------------|--|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| FROM | 0.20000ml of P11146 + 9.80000ml of | E3792 = F | inal Quantity: | 10.000 ml | | | | |

| <u>Recipe</u> <u>ID</u> | NAME | <u>NO.</u> | Prep Date | Expiration Date | <u>Prepared</u> <u>By</u> | <u>ScaleID</u> | <u>PipettelD</u> | <u>Supervised By</u> Ankita Jodhani |
|----------------------------|--|----------------|----------------|--------------------|------------------------------|----------------|------------------|--|
| 3663 | 20 PPM MIREX Stock STD (Secondary source) | <u>PP23677</u> | 09/21/2024 | 03/11/2025 | Abdul Mirza | None | None | 10/01/2024 |
| FROM | 0.20000ml of P11146 + 9.80000ml of | E3792 = F | inal Quantity: | 10.000 ml | | | | |
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| <u>Recipe</u> <u>ID</u> 3630 | NAME 100/100 PPB PEST Working std.1st Source(RESTEK) | <u>NO.</u> PP23678 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | PipettelD None | Supervised By Ankita Jodhani 10/01/2024 |
|------------------------------------|--|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|-------------------|---|
| <u>FROM</u> | 98.50000ml of E3792 + 0.50000ml of ml | PP23673 + | - 0.50000ml o | f PP23674 + 0. | 50000ml of PP2 | 23676 = Final C | Quantity: 100.0 | 00 |
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| Recipe | | | | Expiration | Prepared | | | Supervised By |

| Recipe | | | | Expiration | Prepared | | | Supervised By |
|---------------|------------------------------------|-------------|---------------|-------------------|----------------|-----------------|-----------------|----------------|
| ID | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | PipettelD | Ankita Jodhani |
| 80 | 100/100 PPB Pesticide Working | PP23679 | 09/21/2024 | 03/11/2025 | Abdul Mirza | None | None | |
| | Solution 2nd Source | | | | | | | 10/01/2024 |
| FROM | 98.50000ml of E3792 + 0.50000ml of | f PP23673 + | - 0.50000ml o | f PP23675 + 0. | 50000ml of PP2 | 23677 = Final C | Quantity: 100.0 | 00 |
| | ml | | | | | | | |
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| Recipe ID 386 | NAME 1000/100 PPB Chlordane STD (Restek) | <u>NO.</u> PP23680 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|---------------------|--|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| FROM | 0.10000ml of P11896 + 99.40000ml o | of E3792 + (| 0.50000ml of F | P23673 = Fin | al Quantity: 100 | 0.000 ml | | |
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| <u>Recipe</u> | | | | Expiration | Prepared | | | Supervised By | |
|---------------|---|----------------|------------|-------------|-----------------|----------------|-----------|----------------|--|
| ID | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | PipettelD | Ankita Jodhani | |
| 3746 | 1000/100 ppb Chlordane | <u>PP23681</u> | 09/21/2024 | 03/11/2025 | Abdul Mirza | None | None | | |
| | STD-RESTEK 2ND SOURCE | | | | | | | 10/01/2024 | |
| FROM | FROM 0.10000ml of P11896 + 99.40000ml of E3792 + 0.50000ml of PP23673 = Final Quantity: 100.000 ml | | | | | | | | |
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| Recipe ID 383 | NAME 1000/100 PPB Toxaphene STD (Restek) | <u>NO.</u> PP23682 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|---------------------|--|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| <u>FROM</u> | 0.10000ml of P13359 + 99.40000ml | of E3792 + (| 0.50000ml of l | PP23673 = Fin | al Quantity: 100 | 0.000 ml | | |
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| Desine | | | | Evaluation | Droporod | | | Supervised By |

| <u>Recipe</u> <u>ID</u> | NAME | <u>NO.</u> | Prep Date | Expiration Date | <u>Prepared</u> <u>By</u> | <u>ScaleID</u> | <u>PipetteID</u> | <u>Supervised By</u> Ankita Jodhani | | |
|----------------------------|---|----------------|------------|--------------------|------------------------------|----------------|------------------|--|--|--|
| 3669 | 1000/100 PPB TOXAPHENE STD 2nd source (RESTEK) | <u>PP23683</u> | 09/21/2024 | 03/11/2025 | Abdul Mirza | None | None | 10/01/2024 | | |
| <u>FROM</u> | FROM 0.10000ml of P13402 + 99.40000ml of E3792 + 0.50000ml of PP23673 = Final Quantity: 100.000 ml | | | | | | | | | |
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| Recipe ID 3632 | NAME 50 PPB ICAL PEST STD(RESTEK) | <u>NO.</u> PP23686 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|----------------------|---|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| FROM | 0.50000ml of E3792 + 0.50000ml of I | PP23678 = | Final Quantity | y: 1.000 ml | | | | |

| <u>Recipe</u> <u>ID</u> 3988 | NAME 50 PPB PEST ICV STD(RESTEK) | <u>NO.</u> PP23687 | <u>Prep Date</u> 09/21/2024 | Expiration Date 03/11/2025 | <u>Prepared</u> <u>By</u> Abdul Mirza | <u>ScaleID</u> None | PipettelD None | <u>Supervised By</u> Ankita Jodhani 10/01/2024 |
|------------------------------------|-------------------------------------|-----------------------|--------------------------------|----------------------------------|---|------------------------|-------------------|--|
| FROM | 0.50000ml of E3792 + 0.50000ml of | I PP23679 = | I Final Quantit | y: 1.000 ml | | | | 10/01/2024 |
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| Recipe ID 529 | NAME CHLOR 500 PPB STD | <u>NO.</u> PP23690 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|---------------------|-------------------------------------|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| FROM | 0.50000ml of E3792 + 0.50000ml of I | PP23680 = | Final Quantity | y: 1.000 ml | | | | |

| <u>Recipe</u> <u>ID</u> 532 | NAME CHLOR 500 PPB ICV STD | <u>NO.</u> PP23693 | <u>Prep Date</u> 09/21/2024 | Expiration Date 03/11/2025 | <u>Prepared</u> <u>By</u> Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|-----------------------------------|-------------------------------------|-----------------------|--------------------------------|----------------------------------|---|------------------------|--------------------------|---|
| FROM | 0.50000ml of E3792 + 0.50000ml of l | I PP23681 = | Final Quantit | y: 1.000 ml | | | | 10/01/2024 |
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| Recipe ID 534 | NAME TOX 500 PPB STD | <u>NO.</u> PP23695 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|---------------------|-------------------------------------|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| <u>FROM</u> | 0.50000ml of E3792 + 0.50000ml of l | PP23682 = | Final Quantity | y: 1.000 ml | 1 | | | |
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| <u>Recipe</u> <u>ID</u> 3670 | NAME TOX 500 PPB ICV std (RESTEK) | <u>NO.</u> PP23698 | Prep Date 09/21/2024 | Expiration Date 03/11/2025 | <u>Prepared</u> <u>By</u> Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/01/2024 |
|------------------------------------|---------------------------------------|-----------------------|--------------------------------|----------------------------------|---|------------------------|--------------------------|---|
| FROM | 0.50000ml of E3792 + 0.50000ml of l | I PP23683 = | I Final Quantit | y: 1.000 ml | | | | 10/01/2024 |
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| Recipe ID 84 | NAME Pest/PCB Surrogate Stock 20 PPM | <u>NO.</u> PP23733 | Prep Date 10/03/2024 | | <u>Prepared</u> <u>By</u> Ankita Jodhani | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Yogesh Patel 10/03/2024 |
|--------------------|--|-----------------------|-------------------------|-----------|--|------------------------|--------------------------|---|
| FROM | 1.00000ml of P13350 + 9.00000ml of | FE3805 = F | inal Quantity: | 10.000 ml | | | | |

| <u>Recipe</u> <u>ID</u> 518 | NAME Pest/PCB I.BLK 20 PPB | <u>NO.</u> PP23793 | Prep Date 10/03/2024 | | <u>Prepared</u> <u>By</u> Ankita Jodhani | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Yogesh Patel 10/03/2024 |
|-----------------------------------|------------------------------------|-----------------------|--------------------------------|---------------------|--|------------------------|--------------------------|---|
| FROM | 99.90000ml of E3805 + 0.10000ml of | FP23733 | Final Quanti | l ity: 100.000 m | | | | 10/03/2024 |
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| <u>Recipe</u> <u>ID</u> 465 | NAME 200 PPB Pest/PCB Surrogate Spike | <u>NO.</u> PP23858 | Prep Date 10/14/2024 | Expiration Date 04/04/2025 | Prepared By Abdul Mirza | <u>ScaleID</u> None | <u>PipetteID</u> None | Supervised By Ankita Jodhani 10/14/2024 |
|-----------------------------------|---|-----------------------|-------------------------|----------------------------------|-------------------------------|------------------------|--------------------------|---|
| <u>FROM</u> | 1.00000ml of P13351 + 999.00000ml | l of E3815 = | = Final Quanti | ty: 1000.000 m | าไ | | | |
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| Recipe | | | | Expiration | Prepared | | | Supervised By |

| Recipe | | | | Expiration | <u>Prepared</u> | | | Supervised By | | |
|---------------|---|------------|------------|-------------|-----------------|----------------|-----------|----------------|--|--|
| ID | NAME | <u>NO.</u> | Prep Date | <u>Date</u> | <u>By</u> | <u>ScaleID</u> | PipettelD | Ankita Jodhani | | |
| 79 | 500 PPB Pesticide Spike Solution | PP23928 | 10/30/2024 | 03/11/2025 | Abdul Mirza | None | None | | | |
| | | | | | | | | 10/30/2024 | | |
| FROM | FROM 95.00000ml of E3818 + 2.50000ml of PP23675 + 2.50000ml of PP23677 = Final Quantity: 100.000 ml | | | | | | | | | |
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CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|--------------------------------|--|------------|--------------------|----------------------------|--------------------------------|-------------------|
| Seidler Chemical | BA-3382-05 / Sand, Purified (cs/4x2.5kg) | 0000243821 | 12/31/2024 | 04/30/2020 / RAJESH | 04/28/2020 / RAJESH | E2865 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| PCI Scientific Supply, Inc. | PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1 | 313201 | 01/03/2025 | 01/03/2024 / Rajesh | 07/20/2023 / Rajesh | E3551 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24C1862008 | 05/09/2025 | 07/12/2024 / Rajesh | 07/02/2024 / Rajesh | E3770 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24C1862008 | 03/11/2025 | 09/12/2024 / Rajesh | 09/11/2024 / Rajesh | E3792 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Seidler Chemical | 9005-05 / Acetone Ultra (cs/4x4L) | 24E0761004 | 03/11/2025 | 09/12/2024 / Rajesh | 09/11/2024 / Rajesh | E3793 |

| ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|---|-------------------|------------------------------|--|---|--|
| -9262-03 / Hexane, ra-Resi (cs/4x4L) | 24C1862008 | 03/30/2025 | 09/30/2024 / Rajesh | 09/25/2024 / Rajesh | E3805 |
| | 9262-03 / Hexane, | 9262-03 / Hexane, 24C1862008 | ItemCode / ItemName Lot # Date 9262-03 / Hexane, 24C1862008 03/30/2025 | ItemCode / ItemName Lot # Date Opened By 9262-03 / Hexane, 24C1862008 03/30/2025 09/30/2024 / | ItemCode / ItemName Lot # Date Opened By Received By 9262-03 / Hexane, 24C1862008 03/30/2025 09/30/2024 / 09/25/2024 / |



Standards, Inc.

CHEMICAL RECEIPT LOG BOOK

| | | | Expiration | Date Opened / | Received Date / | Chemtech |
|----------------------------|---|------------|--------------------|----------------------------|--------------------------------|-------------------|
| Supplier | ItemCode / ItemName | Lot # | Date | Opened By | Received By | Lot # |
| Agela Technologies Inc. | FS0006 / Cleanert Florisil cartridge | M06518 | 03/25/2025 | 10/01/2024 / Rajesh | 09/25/2024 / Rajesh | E3806 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 04/04/2025 | 10/04/2024 / Rajesh | 10/04/2024 / Rajesh | E3815 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Seidler Chemical | BA-9254-03 / Acetone, Ultra Resi (cs/4x4L) | 24H1462005 | 04/23/2025 | 10/23/2024 / Rajesh | 10/09/2024 / Rajesh | E3818 |
| | | | T | | | I |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Seidler Chemical | BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L) | 24G1962003 | 05/09/2025 | 11/09/2024 / Rajesh | 11/07/2024 / Rajesh | E3826 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Absolute | 79136 / Mirex, 1000 ug/ml | 102821 | 03/21/2025 | 09/21/2024 / | 10/29/2021 / | P11146 |

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|------------------------|----------|--------------------|----------------------------|--------------------------------|-------------------|
| Restek | 32021 / Chlordane Std. | A0181737 | 03/21/2025 | 09/21/2024 / Abdul | 06/17/2022 / Abdul | P11896 |
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Abdul

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P11146



CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|-----------------------------|--|----------|--------------------|----------------------------|--------------------------------|-------------------|
| Restek | 32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul | A0200423 | 03/21/2025 | 09/21/2024 / Abdul | 12/26/2023 / Abdul | P13036 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Restek | 32291 / Pesticide Mix, CLP method, organochlorine Std AB#1, 200ug/mL, hexane/toluene, 1mL/ampul | A0199099 | 03/21/2025 | 09/21/2024 / Abdul | 12/26/2023 / Abdul | P13039 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Absolute Standards, Inc. | 19161 / 8081 pesticide resolution check mixture | 013124 | 01/12/2025 | 07/12/2024 / Abdul | 02/09/2024 / Abdul | P13244 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Restek | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 03/21/2025 | 09/21/2024 / Abdul | 04/22/2024 / Abdul | P13349 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Restek | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 04/03/2025 | 10/03/2024 / Ankita | 04/22/2024 / Abdul | P13350 |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
| Restek | 32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL | A0206810 | 04/14/2025 | 10/14/2024 / Abdul | 04/22/2024 / Abdul | P13351 |



CHEMICAL RECEIPT LOG BOOK

| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |
|----------|-------------------------------|----------|--------------------|----------------------------|--------------------------------|-------------------|
| Restek | 32005 / Toxaphene Standard | A0203830 | 03/21/2025 | 09/21/2024 / Abdul | 05/03/2024 / Abdul | P13359 |
| | | | | | | |
| Supplier | ItemCode / ItemName | Lot # | Expiration Date | Date Opened / Opened By | Received Date / Received By | Chemtech Lot # |

Sand Purified Washed and Ignited



Material No.: 3382-05 Batch No.: 0000243821 Manufactured Date: 2018/04/09 Retest Date: 2025/04/07

Revision No: 1

Certificate of Analysis

| Test | Specification | Result |
|---------------------------|---------------|--------|
| Substances Soluble in HCI | <= 0.16 % | 0.01 |

For Laboratory, Research or Manufacturing Use Meets Reagent Specifications for testing USP/NF monographs

| Country of Origin: | US |
|--------------------|--------------------|
| Packaging Site: | Paris Mfg Ctr & DC |





For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700 Avantor Performance Materials, LLC 100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone: 610.386.1700



PRODUCTOS QUIMICOS MONTERREY, S.A. DE CY. MIRADOR 201, COL. MIRADOR MONTERREY, N.L. MEXICO CP 64070 TEL +52 81 13 52 57 57 WWW.pqm.com.mx

CERTIFICATE OF ANALYSIS

| | DIUM SULFATE CRYS | | | Ne co |
|---|-------------------|-----------------|----------------------------------|--|
| SPECIFICATION NUMBER : | - | | E DATE: | Na ₂ SO ₄ ABR/21/2023 |
| | 3201 | Naila la Mo | E 1./A I E. | ADR/2 1/2023 |
| TEST | SPECI | FICATIONS | LOT V | ALUES |
| Assay (Na ₂ SO ₄) | Min. 99 | 1.0% | 99.7 % | |
| pH of a 5% solution at 25°C | 5.2 - 9. | 2 | 6.1 | |
| Insoluble matter | Max. 0. | 01% | 0.005 | 1 |
| Loss on ignition | Max. 0. | 5% | 0.1 % | 16 |
| Chloride (Cl) | Max. 0. | 001% | <0.001 | 0/ |
| Nitrogen compounds (as N) | Max. 5 | ppm | <0.001 <5 ppn | |
| Phosphate (PO ₄) | Max. 0. | | <0.001 | |
| Heavy metals (as Pb) | Max. S | | | |
| Iron (Fe) | Max, 0, | 9 R · | <5 ppn <0.001 | |
| Calcium (Ca) | Max. 0. | 01% | 0.002 % | |
| Magnesium (Mg) | Max. 0. | 005% | 0.002 9 | |
| Potassium (K) | Max. 0. | | 0.003 % | |
| Extraction-concentration suit | ability Passes | test | Passes | * |
| Appearance | Passes | | Passes | |
| Identification | Passes | test | Passes | test |
| Solubility and foreing matter | | test | Passes | : test |
| Retained on US Standard No. | | h | 0.1 % | |
| Retained on US Standard No. | 60 sieve Min. 94 | a/ ₀ | 97.3 % | |
| Through US Standard No. 60 | sieve Max. 5% | 46 | 2.5 % | |
| Through US Standard No. 100 |) sieve Max. 10 | 1% | 0.1 % | |
| an second a second s | CON | MENTS | ಕ್ಷಿತ್ರಾಳಿಸಿಕ ಕಾರ್ಯಕರ್ ಪ್ರದೇಶಕರ್ | |
| 91 <i>0</i> 91 | | | n+ | 15 HANDOWNI |
| | | | - he " | |
| | | | 1 | |
| | | QC: Ph | C Irma Belma | res |

If you need further details, please call our factory or contact our local distributor.

Read. by R: 017/293 E3551

RE-02-01, Ed. 1

Acetone BAKER RESI-ANALYZED® Reagent For Organic Residue Analysis

(Vavantor)



Material No.: 9254-03 Batch No.: 23H1462005 Manufactured Date: 2023-07-26 Expiration Date: 2026-07-25 Revision No.: 0

Certificate of Analysis

| Test | Specification | Result |
|--|---------------|-------------|
| Assay ((CH3)2CO) (by GC, corrected for water) | ≥ 99.4 % | 99.7 % |
| Color (APHA) | ≤ 10 | 5 |
| Residue after Evaporation | ≤ 1.0 ppm | 0.3 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | ≤ 0.3 | 0.1 |
| Titrable Base (µeq/g) | ≤ 0.6 | < 0.1 |
| Water (H2O) | ≤ 0.5 % | 0.3 % |
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL) | ≤ 5 | < 1 |
| ECD Sensitive Impurities (as Heptachlor EpoxIde) Single Peak (pg/mL) | ≤ 10 | 1 |

For Laboratory,Research,or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 7/2124 E 3769



Hexanes (95% n-hexane) BAKER RESI-ANALYZED® Reagent For Organic Residue Analysis





Material No.: 9262-03 Batch No.: 24C1862008 Manufactured Date: 2024-01-30 Expiration Date: 2025-04-30 Revision No.: 0

Certificate of Analysis

| Test | Specification | Result |
|--|---------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL) | ≤ 5 | < 1 |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL) | ≤ 10 | 1 |
| ECD-Sensitive impurities (as Ethylene Dibromide) - Single impurity Peak (ng/mL) | ≤ 5 | 1 |
| Assay (Total Saturated C6 Isomers) (by GC, corrected for water) | ≥ 99.5 % | 99.7 % |
| Assay (as n-Hexane) (by GC, corrected for water) | ≥ 95 % | 98 % |
| Color (APHA) | ≤ 1 0 | 5 |
| Residue after Evaporation | ≤ 1.0 ppm | 0.4 ppm |
| Substances Darkened by H2SO4 | Passes Test | Passes Test |
| Water (by KF, coulometric) | ≤ 0.05 % | < 0.01 % |
| | | |

For Laboratory,Research,or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA Packaging Site: Phillipsburg Mfg Ctr & DC

Recd by RP on 09/11/24 E 3192



100

Director Quality Operations, Bioscience Production

Acetone CMOS





Material No.: 9005-05 Batch No.: 24E0761004 Manufactured Date: 2024-05-02 Retest Date: 2029-05-01 Revision No.: 0

Certificate of Analysis

| Test | Specification | Result |
|---|-----------------|-------------|
| Assay ((CH ₃) ₂ CO) (by GC, corrected for water) | ≥ 99.5 % | 99.8 % |
| Color (APHA) | ≤ 10 | < 5 |
| Residue after Evaporation | ≤ 5 ppm | < 1 ppm |
| Titrable Acid (µeq/g) | ≤ 0.3 | 0.1 |
| Titrable Base (µeq/g) | ≤ 0.5 | 0.1 |
| Water (H2O) | ≤ 0.5 % | 0.1 % |
| Solubility in H₂O | Passes Test | Passes Test |
| Chloride (Cl) | ≤ 0.2 ppm | < 0.2 ppm |
| Phosphate (PO4) | ≤ 0.05 ppm | < 0.05 ppm |
| Trace Impurities – Aluminum (Al) | ≤ 50.0 ppb | < 5.0 ppb |
| Arsenic and Antimony (as As) | ≤ 5.0 ppb | < 5.0 ppb |
| Trace Impurities – Barium (Ba) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities – Beryllium (Be) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Bismuth (Bi) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities – Boron (B) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Cadmium (Cd) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Calcium (Ca) | ≤ 25.0 ppb | 3.6 ppb |
| Trace Impurities – Chromium (Cr) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Cobalt (Co) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Copper (Cu) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Gallium (Ga) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Germanium (Ge) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities – Gold (Au) | ≤ 20 ppb | < 5 ppb |
| Trace Impurities - Iron (Fe) | ≤ 20.0 ppb | < 1.0 ppb |
| Trace Impurities – Lead (Pb) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities – Lithium (Li) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Magnesium (Mg) | ≤ 20 ppb | < 1 ppb |
| Trace Impurities – Manganese (Mn) | ≤ 10.0 ppb | < 1.0 ppb |

>>> Continued on page 2 >>>

Recd. by RP cm 9/11/24 E 3793

Acetone CMOS





Material No.: 9005-05 Batch No.: 24E0761004

| Test | Specification | Result |
|---|---------------|------------|
| Trace Impurities – Molybdenum (Mo) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Nickel (Ni) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities - Niobium (Nb) | ≤ 50.0 ppb | < 1.0 ppb |
| Trace Impurities – Potassium (K) | ≤ 10.0 ppb | < 10.0 ppb |
| Trace Impurities – Silicon (Si) | ≤ 50 ppb | < 10 ppb |
| Trace Impurities – Silver (Ag) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Sodium (Na) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Strontium (Sr) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Tantalum (Ta) | ≤ 50.0 ppb | < 5.0 ppb |
| Trace Impurities – Thallium (TI) | ≤ 10.0 ppb | < 5.0 ppb |
| Trace Impurities – Tin (Sn) | ≤ 20.0 ppb | < 10.0 ppb |
| Trace Impurities – Titanium (Ti) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities – Vanadium (V) | ≤ 10.0 ppb | < 1.0 ppb |
| Trace Impurities - Zinc (Zn) | ≤ 20.0 ppb | 7.9 ppb |
| Trace Impurities – Zirconium (Zr) | ≤ 10.0 ppb | < 1.0 ppb |
| Particle Count – 0.5 µm and greater (Rion KS42AF) | ≤ 100 par/ml | 8 par/ml |
| Particle Count – 1.0 µm and greater (Rion KS42AF) | ≤ 8 par/ml | 2 par/ml |
| | | |

Acetone CMOS





Material No.: 9005-05 Batch No.: 24E0761004

| Test | Specification | Result | |
|------|---------------|--------|--|
| 1050 | Specification | Result | |

For Microelectronic Use

Country of Origin: USA Packaging Site: Paris Mfg Ctr & DC

Muhelle Bales

Michelle Bales Sr. Manager, Quality Assurance

1 610 306 1 300

Hexanes (95% n-hexane) BAKER RESI-ANALYZED® Reagent For Organic Residue Analysis

(Vavantor"



Material No.: 9262-03 Batch No.: 24C1862008 Manufactured Date: 2024-01-30 Expiration Date: 2025-04-30 Revision No.: 0

Certificate of Analysis

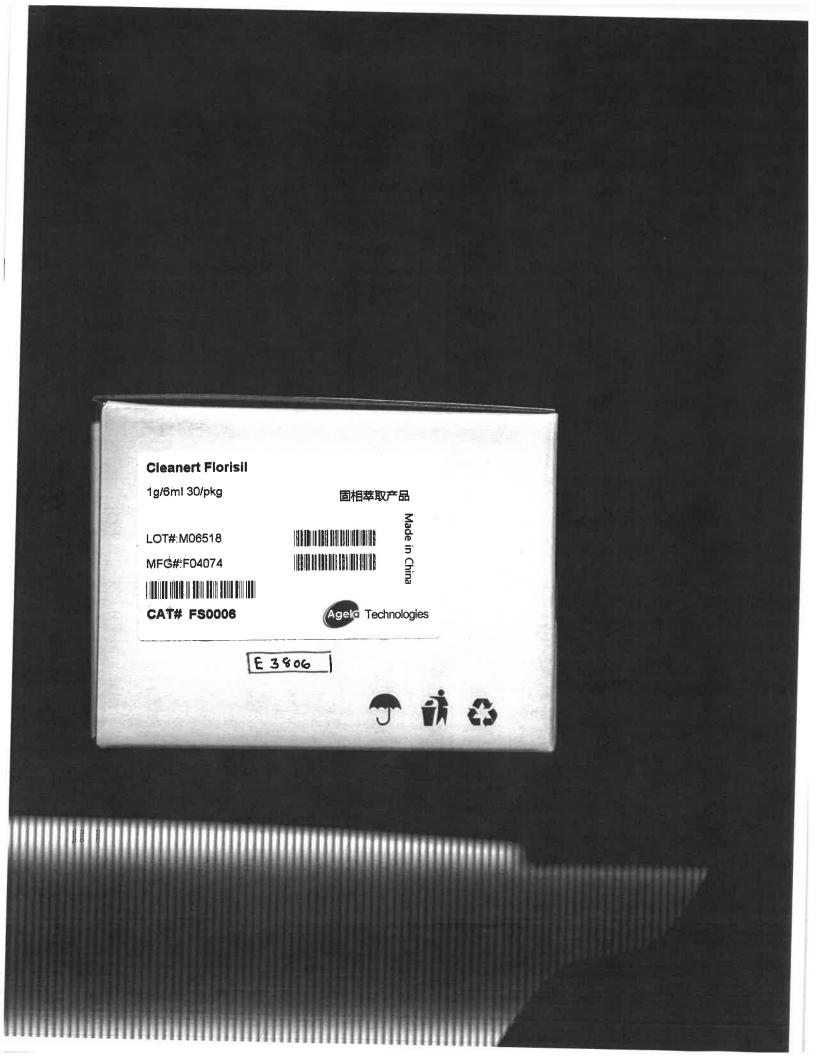
| Test | Specification | Result |
|--|---------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL) | ≤ 5 | <1 |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL) | ≤ 10 | 1 |
| ECD-Sensitive Impurities (as Ethylene Dibromide) – Single Impurity Peak (ng/mL) | ≤ 5 | 1 |
| Assay (Total Saturated C $_6$ Isomers) (by GC, corrected for water) | ≥ 99.5 % | 99.7 % |
| Assay (as n-Hexane) (by GC, corrected for water) | ≥ 95 % | 98 % |
| Color (APHA) | ≤ 10 | 5 |
| Residue after Evaporation | ≤ 1.0 ppm | 0.4 ppm |
| Substances Darkened by H2SO4 | Passes Test | Passes Test |
| Water (by KF, coulometric) | ≤ 0.05 % | < 0.01 % |

For Laboratory,Research,or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA Packaging Site: Phillipsburg Mfg Ctr & DC

Recd. by RP on 9/25/24 E 3805





PO: PO2-329 PRODUCT CODE: SHIP DATE: 9/30/2024

Acetone

BAKER RESI-ANALYZED® Reagent For Organic Residue Analysis

Avantor



Material No.: 9254-03 Batch No.: 24H1462005 Manufactured Date: 2024-05-24 Expiration Date:2027-05-24 Revision No.: 0

Certificate of Analysis

| Test | Specification | Result |
|---|---------------|-------------|
| Assay ((CH3)2CO) (by GC, corrected forwater) | >= 99.4 % | 99.8 % |
| Color (APHA) | <= 10 | 5 |
| Residue after Evaporation | <= 1.0 ppm | 0.2 ppm |
| Substances Reducing Permanganate | Passes Test | Passes Test |
| Titrable Acid (µeq/g) | <= 0.3 | 0,2 |
| Titrable Base (µeq/g) | <= 0,6 | <0.1 |
| Water (H2O) | <= 0.5 % | 0.2 % |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | <1 |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | 1 |

For Laboratory,Research,or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States Packaging Site: Phillipsburg Mfg Ctr & DC

E3815

Alioak Jamie Croak Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700 Avantor Performance Materials,LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087. U.S.A. Phone 610.386. 1700

PO: PO2-329 PRODUCT CODE: SHIP DATE: 9/30/2024

Acetone BAKER RESI-ANALYZED® Reagent For Organic Residue Analysis

(Vavantor



Material No.: 9254-03 Batch No.: 24H1462005 Manufactured Date: 2024-05-24 Expiration Date:2027-05-24 Revision No.: 0

Certificate of Analysis

| Test | Specification | Result | |
|--|---------------|-------------|--|
| Assay ((CH3)2CO) (by GC, corrected forwater) | >= 99.4 % | 99.8 % | |
| Color (APHA) | <= 10 | 5 | |
| Residue after Evaporation | <= 1.0 ppm | 0.2 ppm | |
| Substances Reducing Permanganate | Passes Test | Passes Test | |
| Titrable Acid (µeq/g) | <= 0,3 | 0.2 | |
| Titrable Base (µeq/g) | <= 0.6 | <0.1 | |
| Water (H2O) | <= 0.5 % | 0.2 % | |
| FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL) | <= 5 | <1 | |
| ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL) | <= 10 | I | |

For Laboratory,Research,or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States Packaging Site: Phillipsburg Mfg Ctr & DC



For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700 Avantor Performance Materials,LLC 100 Matsonford Rd, Suite 200,Radnor,PA,19087.U.S.A.Phone 610.386.1700

Page 1 of 1

n-Hexane 95% ULTRA RESI-ANALYZED For Organic Residue Analysis

Avantor



Material No.: 9262-03 Batch No.: 24G1962003 Manufactured Date: 2024-05-23 Expiration Date: 2025-08-22 Revision No.: 0

Certificate of Analysis

| Test | Specification | |
|--|---------------|-------------|
| FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL) | ≤ 5 | 3 |
| ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL) | ≤ 10 | 1 |
| ECD-Sensitive Impuritles (as Ethylene Dibromide) – Single Impurity Peak (ng/mL) | ≤ 5 | 1 |
| Assay (Total Saturated C6 Isomers) (by GC, corrected for water) | ≥ 99.5 % | 99.7 % |
| Assay (as n-Hexane) (by GC, corrected for water) | ≥ 95 % | 98 % |
| Color (APHA) | ≤ 10 | 5 |
| Residue after Evaporation | ≤ 1.0 ppm | 0.1 ppm |
| Substances Darkened by H2SO4 | Passes Test | Passes Test |
| Water (by KF, coulometric) | ≤ 0.05 % | < 0.01 % |
| | | |

For Laboratory,Research,or Manufacturing Use MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA Packaging Site: Phillipsburg Mfg Ctr & DC

Alioak Jamie Croak Director Quality Operations, Bioscience Production



* CERTIFIED REFERENCE MATERIAL

Certificate of Analysis



ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #322202

Bellefonte, PA 16823-8812 Tel: (800)356-1688 Fax: (814)353-1309

www.restek.com

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

| Catalog No. : | g No. : <u>32021</u> Lot No.: <u>A0181737</u> | | | | | |
|-------------------|---|----------|----------------|--|--|--|
| Description : | Chlordane Standard | | | | | |
| | Chlordane Standard 1000µg/mL, Hexane, 1mL/ampul | | | | | |
| Container Size : | 2 mL | Pkg Amt: | > 1 mL | | | |
| Expiration Date : | May 31, 2028 | Storage: | 10°C or colder | | | |
| | | Ship: | Ambient | | | |

CERTIFIED VALUES

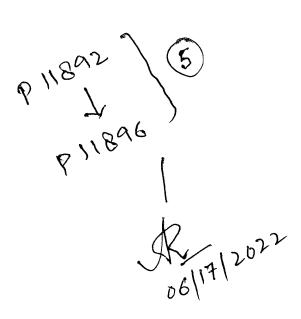
11 July

| Elution | Compound | Grav. Conc. | Expanded Uncertainty |
|---------|---|-----------------|--|
| Order | | (weight/volume) | (95% C.L.; K=2) |
| 1 | Chlordane CAS # 57-74-9 (Lot 978545) Purity % | 1,006.0 µg/mL | +/- 5.9753 μg/mL Gravimetric +/- 31.8975 μg/mL Unstressed +/- 41.6615 μg/mL Stressed |

| Hexane | |
|--------|----------|
| CAS # | 110-54-3 |
| Purity | 99% |
| | CAS # |

Tech Tips:

CAS #57-74-9 nomenclature is based on EPA method 8081B.



Column: 30m x .25mm x .2um Rtx-CLP II (cat.# 11323)

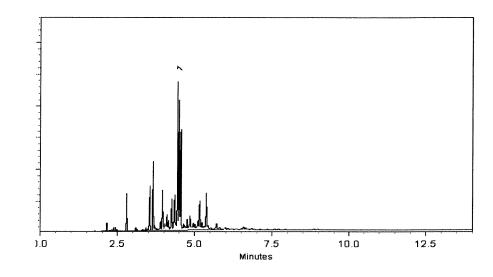
Carrier Gas: helium-constant pressure 20 psi.

Temp. Program: 200°C to 300°C @ 25°C/min. (hold 10 min.)

Inj. Temp: 250°C

Det. Temp: 300°C

Det. Type: ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.



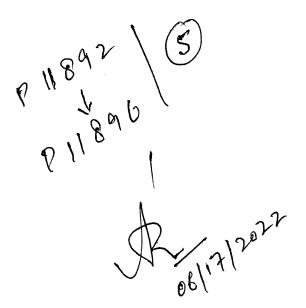
Date Mixed: 11-Feb-2022

Balance: B442140311



,# . Date Passed: 24-Feb-2022

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397





110 Benner Circle Bellefonte, PA 16823-8812 Tel: 1-814-353-1300 Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis chromatographic plus



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

| Catalog No. : Description : | 32291 Organochlorine Pesticide Mix AB #1 | Lot No.: 4 | 40199099 | P1302 |
|---------------------------------------|---|------------------|--------------------------|------------|
| - | Organochlorine Pesticide Mix AB #1 1mL/ampul | 200µg/mL, Hexand | e/Toluene(50:50), | P 1301 |
| Container Size : Expiration Date : | 2 mL June 30, 2027 | Pkg Amt: _ | > 1 mL 10°C or colder | Dult- 2023 |
| | · | Ship: _ | Ambient | XXA 20. |

CERTIFIED VALUES

| Elution Order | Compound | CAS# | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|------------------|-------------------------------|------------|------------|--------|--------------------------------|--|
| 1 | alpha-BHC | 319-84-6 | 14434500 | 99% | 200.0 µg/mL | +/- 8.9732 |
| 2 | gamma-BHC (Lindane) | 58-89-9 | 14184400 | 98% | 200.1 μg/mL | +/- 8.9762 |
| 3 | beta-BHC | 319-85-7 | BCCC6425 | 99% | 200.3 µg/mL | +/- 8.9844 |
| 4 | delta-BHC | 319-86-8 | 14450800 | 98% | 200.0 µg/mL | +/- 8.9740 |
| 5 | Heptachlor | 76-44-8 | 813251 | 99% | 200.1 µg/mL | +/- 8.9754 |
| 6 | Aldrin | 309-00-2 | 14389400 | 98% | 200.0 µg/mL | +/- 8.9718 |
| 7 | Heptachlor epoxide (isomer B) | 1024-57-3 | 14448800 | 99% | 200.1 μg/mL | +/- 8.9754 |
| 8 | trans-Chlordane | 5103-74-2 | 32943 | 98% | 199.9 μg/mL | +/- 8.9696 |
| 9 | cis-Chlordane | 5103-71-9 | 31766 | 98% | 200.1 μg/mL | +/- 8.9762 |
| 10 | Endosulfan I | 959-98-8 | BCCF4060 | 99% | 200.1 μg/mL | +/- 8.9754 |
| 11 | 4,4'-DDE | 72-55-9 | GHYQG | 99% | 200.1 μg/mL | +/- 8.9777 |
| 12 | Dieldrin | 60-57-1 | 11129900 | 98% | 200.0 μg/mL | +/- 8.9718 |
| 13 | Endrin | 72-20-8 | 14123200 | 98% | 199.9 μg/mL | +/- 8.9696 |
| 14 | 4,4'-DDD | 72-54-8 | HAN02 | 99% | 200.1 μg/mL | +/- 8.9777 |
| 15 | Endosulfan II | 33213-65-9 | 14374700 | 99% | 200.0 μg/mL | +/- 8.9732 |
| 16 | 4,4'-DDT | 50-29-3 | 230410JLMA | 98% | 200.0 μg/mL | +/- 8.9718 |
| | | | | | | |



| 17 | Endrin aldehyde | 7421-93-4 | 30720 | 98% | 200.1 µg/mL | +/- 8.9784 |
|----|--------------------|------------|------------|-----|-------------|------------|
| 18 | Endosulfan sulfate | 1031-07-8 | BCCH9010 | 99% | 200.0 µg/mL | +/- 8.9732 |
| 19 | Methoxychlor | 72-43-5 | 13668200 | 99% | 200.1 µg/mL | +/- 8.9777 |
| 20 | Endrin ketone | 53494-70-5 | 1-ABS-16-7 | 98% | 200.0 µg/mL | +/- 8.9740 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50) CAS # 110-54-3/108-88-3 Purity 99%

P 13039 5 P13043 5 P13043 5 12126123

Quality Confirmation Test

Column: 30m x .25mm x .2um Rtx-CLP II (cat.# 11323) **Carrier Gas:** helium-constant pressure 20 psi. Temp. Program: 150°C to 300°C @ 4°C/min. (hold 5 min.) Inj. Temp: 200°C Det. Temp: 300°C Det. Type: ECD Split Vent: Split ratio 50:1 Inj. Vol 10 1µI Ö 20 30 Minutes

This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

1128360905

Gh Binally

Josh McCloskey - Operations Technician I

5 Rolling

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 23-Jun-2023

19-Jun-2023

Balance Serial #

Date Mixed:

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

40



| Absolute Standards, Inc. 800-368-1131 www.absolutestandards.com | лс. | | | | Ŭ | srtified F | Referenc | Certified Reference Material CRM | al CRM | | | | http | NAB ISO 170 R-1539 Cert s://Absolute: | ANAB ISO 17034 Accredited AR-1539 Certificate Number https://Absolutestandards.com |
|--|---|--|--|--|--|---|---|--|--|-------------------------|---|---|----------------------|---|--|
| CERTIFIED WEIGHT REPORT Part Number: Lot Number: Description: Expiration Date: Recommended Stressor | T Part Number: Lot Number: Description: Expiration Date: | 79136 102821 Mirex 102826 | 79136 102821 Mirex 102826 | 5 | | | Solvent(s): Acetone | Lot# 81025 | | Formu | Eormulated By: | AL B. | Ś | 102821 DATE | |
| Nominal Concentration (µg/mL): 1000 NIST Test ID#: 6UTB Weight(s) shown below were combined and diluted to (mL): | ration (µg/mL): NIST Test ID#: vere combined and | diluted to (r | t n | 50.0 Nominal | 5E-05 Ba 0.006 Pa | Balance Uncertainty Flask Uncertainty I Incertainty | tty Tarret | | | Reviewed By Expanded | | Pedro L. Rentas Pedro L. Rentas SDS Information | Market Contraction | 102821 DATE | |
| <u>Compound</u> 1. Mirex | - 4 | RM# Nun 437 949; | Number Co 9492400 | Conc (ug/mL) 1000 | (%) 99.4 | Purity 0.5 | Weight (g) 0.05034 | Weight (g) 0.05039 | | | 8 | OSHA PEL (TWA) NA | TWA) | LD50 | |
| Method GC7MSD-1.M: Column: SPB-608 (30m X 0.25mm ID X 0.25µm film thickness) Temp 1 = 150°C (4min.), Temp 2 = 290°C (13.5 min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C. Split Ratio = 100:1, Scan Rate = 2. Analysis performed by Candice Warren. | mn: SPB-608 Scan Rate = 2 | 8 (30m X 0. 2. Analysis | 25mm ID 2 | X 0.25μm fi I by Candic | Im thickn t Warren. | ess) Temp | 1 = 150°C ([,] | 4min.), Tem | p 2 = 290°C | (13.5 min. |), Rate = 8°C/mi | n., Injector B= | 200°C, Deter | 00°C, Detector B | |
| Abundance Abundance | Ĕ | TC: 79136.D | | | | | end X | Abundance | | 8 | Sem 1448 (23,276 mint; 73,36.0 | | |] | |
| 0000002 | | <u>8</u> | 8 | | | | | 33000 | | | | ō^ | , C C C - C | - Q | |
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| 5000002 | | ga ting ang ng pang ng | | | | | ~ | - 32000 | | | | ₽ D D | Ū | δō | |
| - 0000851 | | ويترابها والمراجع | | | | | ~ : | 500 | | | i ra meniorme | | | | ، - ر رح |
| 0000001 | | tang kang penuhagi di kenang penuhagi di kenang kenang tang di kenang kenang tang di kenang kenang tang di kena | | | | | pa 200 | 1 0000 0000 00000 | | | K | | | | 25 |
| - 000005 | | | | | | | | | 200 ° 90 ~ 100 × 80 × 80 × 80 × 80 × | \$2 | | | | | |
| Tate> 0 5.00 10.00 | 15.00 | 538 | | 25.00 | 30.00 | | 19 19 | E 8 | | | 8 | 8 M M | 89 189 | 93 8 | |
| | The certi Standary Standary All Stand Uncertain | • The certified value is the concentration calculated from gravimetric • Standards are prepared gravimetrically using balances that are call • Standards are certified ($++$) 0.5% of the stated value, unless otherwis • All Standards, after opening ampule, should be stored with caps tig • Uncertainty Reference: Taylor, B.N. and Kuvat, C.E., "Guidofines | the concentra ed gravimetri I (+/-) 0.5% o pening ampul :: Taylor, B.J | tion calculate ically using b if the stated v ie, should be N. and Kuyat | d from gra llances that the, unless tored with C.E., "Gu | vimetric and volu t are calibrated w otherwise stated caps tight and u idelines for Evalu | volumetric me ed with weight: tted. d under appro valuatine and | and volumetric measurements unless otherwise stated. Invated with weights traceable to NIST (see above). ise stated. Int and under appropriate laboratory conditions. | aless otherwise NIST (see abov bry conditions. e Uncertainty of | e). re). Mean | The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated. Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above). Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated. All Standards, after opening ampule, should be stored with case tight and under appropriate laboratory conditions. Uncertaintly Reference: Taylor, BN, and Kurst, C.Z., "Guidelines for Faluatian and Expressine the Uncertainty and NIST Measurement Result." | | | | |
| | NIST T ₆ | schnical Note | 1297, US.G | overnment Pr | inting Office | ce, Washingto | n, DC, (1994). | | | | | | | | |

Lot # 102821 Part # 79136

1 of 1



110 Benner Circle Bellefonte, PA 16823-8812 Tel: 1-814-353-1300 Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

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chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE. This Reference Material is intended for Laboratory Use Only as a standard for ら the qualitative and/or quantitative determination of the analyte(s) listed. P 13037 32291 Catalog No. : Lot No.: A0200423 **Description :** Organochlorine Pesticide Mix AB #1 Organochlorine Pesticide Mix AB #1 200µg/mL, Hexane/Toluene(50:50), 1mL/ampul **Container Size :** 2 mL Pkg Amt: > 1 mL **Expiration Date :** July 31, 2027 Storage: 10°C or colder 6

Ship:

Ambient

CERTIFIED VALUES

| Elution Order | Compound | CAS # | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) | | |
|------------------|-------------------------------|------------|------------|--------|--------------------------------|--|--|--|
| 1 | alpha-BHC | 319-84-6 | 14434500 | 99% | 200.5 µg/mL | +/- 8.9956 | | |
| 2 | gamma-BHC (Lindane) | 58-89-9 | 14184400 | 98% | 199.9 μg/mL | +/- 8.9696 | | |
| 3 | beta-BHC | 319-85-7 | BCCC6425 | 99% | 200.0 µg/mL | +/- 8.9732 | | |
| 4 | delta-BHC | 319-86-8 | 14450800 | 98% | 199.9 μg/mL | +/- 8.9696 | | |
| 5 | Heptachlor | 76-44-8 | 813251 | 99% | 202.0 µg/mL | +/- 9.0629 | | |
| 6 | Aldrin | 309-00-2 | 14389400 | 98% | 200.9 µg/mL | +/- 9.0136 | | |
| 7 | Heptachlor epoxide (isomer B) | 1024-57-3 | 14448800 | 99% | 200.0 µg/mL | +/- 8.9732 | | |
| 8 | trans-Chlordane | 5103-74-2 | 34616 | 99% | 200.5 μg/mL | +/- 8.9956 | | |
| 9 | cis-Chlordane | 5103-71-9 | 31766 | 98% | 201.4 µg/mL | +/- 9.0356 | | |
| 10 | Endosulfan I | 959-98-8 | BCCF4060 | 99% | 200.0 µg/mL | +/- 8.9732 | | |
| 11 | 4,4'-DDE | 72-55-9 | GHYQG | 99% | 201.5 µg/mL | +/- 9.0405 | | |
| 12 | Dieldrin | 60-57-1 | 14515000 | 98% | 199.9 µg/mL | +/- 8.9696 | | |
| 13 | Endrin | 72-20-8 | 14485300 | 98% | 200.4 µg/mL | +/- 8.9916 | | |
| 14 | 4,4'-DDD | 72-54-8 | HAN02 | 99% | 200.5 µg/mL | +/- 8.9956 | | |
| 15 | Endosulfan II | 33213-65-9 | 14374700 | 99% | 200.0 µg/mL | +/- 8.9732 | | |
| 16 | 4,4'-DDT | 50-29-3 | 230410ЛСМА | 98% | 201.9 μg/mL | +/- 9.0575 | | |
| | | | | | | | | |



| 17 | Endrin aldehyde | 7421-93-4 | 30720 | 98% | 201.4 | µg/mL | +/- | 9.0356 |
|----|--------------------|------------|----------|-----|-------|-------|-----|--------|
| 18 | Endosulfan sulfate | 1031-07-8 | BCCH9010 | 99% | 200.5 | μg/mL | +/- | 8.9956 |
| 19 | Methoxychlor | 72-43-5 | 14563200 | 98% | 200.9 | µg/mL | +/- | 9.0136 |
| 20 | Endrin ketone | 53494-70-5 | 14537700 | 98% | 199.9 | µg/mL | +/- | 8.9696 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane/Toluene (50:50) CAS # 110-54-3/108-88-3 Purity 99%

Column:

P13034 5 P130 4 38 5 P130 1 Arut 126/2023

> Registered Quality System Certificate #FM 80397

Quality Confirmation Test

30m x .25mm x .2um Rtx-CLP II (cat.# 11323) **Carrier Gas:** helium-constant pressure 20 psi. Temp. Program: 150°C to 300°C @ 4°C/min. (hold 5 min.) Inj. Temp: 200°C Det. Temp: 300°C Det. Type: ECD Split Vent: Split ratio 50:1 Inj. Vol 1µI D 10 20 30 40 Minutes This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application. Samuel Moodler m Moodler - Operations Tech I B442140311 Date Mixed: 31-Jul-2023 **Balance Serial #** Manufactured under Restek's ISO 9001:2015 Jennifer Pollino - Operations Tech III - ARM QC Date Passed: 03-Aug-2023



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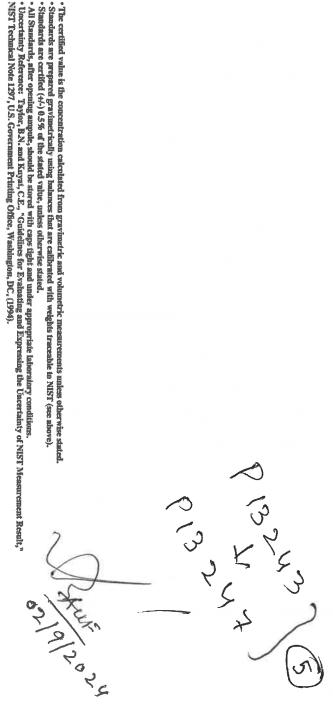
1 of 1

800-368-1131 www.absolutestandards.com Absolute Standards, Inc.

Certified Reference Material CRM

https://Absolutestandards.com ANAB ISO 17034 Accredited AR-1539 Certificate Number

| CERTIFIED WEIGHT REPORT Part Number: Lot Number: Description: Expiration Date: Recommended Storage: Nominal Concentration (ug/mL): NIST Test IDs: | | 19161 013124 CLP Pesticides & 9 components 013129 013129 Refrigerate (4 °C) Varied 6UTB | ides & PCBy ents (4 °C) | s Resolut | 19161 013124 CLP Pesticides & PCB's Resolution Check Standard 9 components Solvent(s): 9 components Hexane 9 components Hexane 9 components Toluene 2 components Solvent(s): 9 components Hexane 2 components Solvent(s): 9 components Solvent(s): 9 components Solvent(s): | 1dard Lot# 273615 28508 | (509 | 5 S | | Formulated By: | Formulated By: |
|--|------------|---|-------------------------------|-----------|---|----------------------------------|---------------------------|--------|-------------|-----------------|-------------------------|
| on Date: Storage: (µg/mL): | | 9 compone 013129 Refrigerate Varied | ents (4 °C) | 1 | Solvent(s): Hexane Toluene | Lot# 273615 28508 | (50%) (50%) | Form | ulated | ulated By: | al a |
| NIST Test ID#: 6UTB | and dilute | | 1000 | 5E-05 | Balance Uncertainty | | | Review | ved B | ved By: | ved By: Pedro L. Rentas |
| | | | | | | | | Ē | Expanded | anded | anded SDS Information |
| | Part | Lot | Dil. | Initial | Uncertainty | Initial | Final | Unci | Uncertainty | | (Solvent S |
| Compound | Number | Number | Factor | Val. (mL) | Vol. (mL) Pipette (mL) | Conc.(ug/mL) | Conc.(ug/mL) Conc.(ug/mL) | | (+/-) µg/mL |) µg/mL CAS# | |
| trans-Chlordane | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 101.3 | 1.0 | | 0.02 | 0.02 5103-74-2 | |
| Endosulfan I | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 101.3 | 1.0 | | 0.02 |).02 959-98-8 | 959-98-8 |
| 4,4'-DDE | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 201.6 | 2.0 | | 0.03 | | 72-55-9 |
| Dieldrin | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 202.8 | 2.0 | | 0.03 | 0.03 60-57-1 | |
| Endosulfan sulfate | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 204.2 | 2.0 | | 0.03 | 0.03 1031-07-8 | 1031-07-8 N/A |
| Endrin ketone | 19361 | 013124 | 0.010 | 1.00 | 0.004 | 202.6 | 2.0 | | 0.03 | 0.03 53494-70-5 | |
| | 10001 | | | | | | | | | | |



10mg/m3 NA ¥ NNA R orl-rat 6000mg/kg ON-Lat I Ruding/KB NIA NA NA

Endrin ketone
 4,4'-Methoxychlor

19361

013124

0.010 0.010

0.010

1.00 1.0

0.004 0.004

19361 19361

013124 013124

0.010

1.00

0.004

202.6 1000.7

10.0 2.0

0.03 0.03 0.09

2051-24-3 877-09-8

72-43-5

ဖ œ

Decachlorobiphenyl (209) 2,4,5,6-Tetrachloro-m-xylene



110 Benner Circle Bellefonte, PA 16823-8812

> Tel: 1-814-353-1300 Fax: 1-814-353-1309

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SO/IEC 17025 Accordite Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE. This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed. P133401 32000 Lot No.: A0206810 Catalog No. : **Description:** Pesticide Surrogate Mix Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul > 1 mL **Container Size :** 2 mL Pkg Amt: **Expiration Date :** April 30, 2030 10°C or colder Storage: Handling: Contains PCBs - sonicate prior to Ship: Ambient use.

CERTIFIED VALUES

| Elution Order | Compound | CAS# | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|------------------|------------------------------|-----------|----------|--------|--------------------------------|--|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8 | RP220407 | 99% | 200.3 μg/mL | +/- 11.1143 |
| 2 | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638 | 99% | 200.6 µg/mL | +/- 11.1298 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone CAS # 67-64-1 Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Column: 30m x .25mm x .2um Rtx-CLP II (cat.# 11323) **Carrier Gas:** helium-constant pressure 20 psi. Temp. Program: 200°C to 300°C @ 25°C/min. (hold 10 min.) Inj. Temp: 250°C Det. Temp: 300°C Det. Type: ECD **Split Vent:** 10 ml/min. Inj. Vol



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Jennifer Pollino - Operations Tech III - ARM QC

Gunifor & Adding

1μl

Date Mixed:

Date Passed:

22-Jan-2024

• •

24-Jan-2024

1128360905 Balance Serial #

Manufactured under Restek's ISO 9001:2015 **Registered Quality System** Certificate #FM 80397

13348 0 P13357 1/5Aut 25/2025



110 Benner Circle Bellefonte, PA 16823-8812

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chromatographic plus



SO/IEC 17025 Accordite Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE. This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed. P133401 32000 Lot No.: A0206810 Catalog No. : **Description:** Pesticide Surrogate Mix Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul > 1 mL **Container Size :** 2 mL Pkg Amt: **Expiration Date :** April 30, 2030 10°C or colder Storage: Handling: Contains PCBs - sonicate prior to Ship: Ambient use.

CERTIFIED VALUES

| Elution Order | Compound | CAS# | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|------------------|------------------------------|-----------|----------|--------|--------------------------------|--|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8 | RP220407 | 99% | 200.3 μg/mL | +/- 11.1143 |
| 2 | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638 | 99% | 200.6 µg/mL | +/- 11.1298 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone CAS # 67-64-1 Purity 99%

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Column: 30m x .25mm x .2um Rtx-CLP II (cat.# 11323) **Carrier Gas:** helium-constant pressure 20 psi. Temp. Program: 200°C to 300°C @ 25°C/min. (hold 10 min.) Inj. Temp: 250°C Det. Temp: 300°C Det. Type: ECD **Split Vent:** 10 ml/min. Inj. Vol



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Jennifer Pollino - Operations Tech III - ARM QC

Gunifor & Adding

1μl

Date Mixed:

Date Passed:

22-Jan-2024

• •

24-Jan-2024

1128360905 Balance Serial #

Manufactured under Restek's ISO 9001:2015 **Registered Quality System** Certificate #FM 80397

13348 0 P13357 1/5Aut 25/2025



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SO/IEC 17025 Accordite Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE. This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed. P133401 32000 Lot No.: A0206810 Catalog No. : **Description:** Pesticide Surrogate Mix Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul > 1 mL **Container Size :** 2 mL Pkg Amt: **Expiration Date :** April 30, 2030 10°C or colder Storage: Handling: Contains PCBs - sonicate prior to Ship: Ambient use.

CERTIFIED VALUES

| Elution Order | Compound | CAS# | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty (95% C.L.; K=2) |
|------------------|------------------------------|-----------|----------|--------|--------------------------------|--|
| 1 | 2,4,5,6-Tetrachloro-m-xylene | 877-09-8 | RP220407 | 99% | 200.3 μg/mL | +/- 11.1143 |
| 2 | Decachlorobiphenyl (BZ# 209) | 2051-24-3 | 30638 | 99% | 200.6 µg/mL | +/- 11.1298 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone CAS # 67-64-1 Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

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Column: 30m x .25mm x .2um Rtx-CLP II (cat.# 11323) **Carrier Gas:** helium-constant pressure 20 psi. Temp. Program: 200°C to 300°C @ 25°C/min. (hold 10 min.) Inj. Temp: 250°C Det. Temp: 300°C Det. Type: ECD **Split Vent:** 10 ml/min. Inj. Vol



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente - Operations Technician I

Jennifer Pollino - Operations Tech III - ARM QC

Gunifor & Adding

1μl

Date Mixed:

Date Passed:

22-Jan-2024

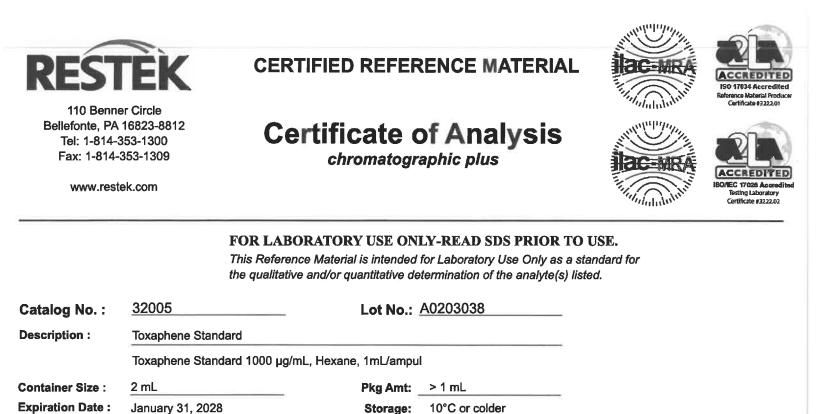
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24-Jan-2024

1128360905 Balance Serial #

Manufactured under Restek's ISO 9001:2015 **Registered Quality System** Certificate #FM 80397

13348 0 P13357 1/5Aut 25/2025



CERTIFIED VALUES

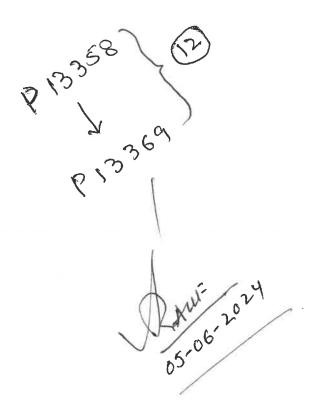
| Elution Order | | Compound | CAS# | Lot # | Purity | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|------------------|-----------|----------|-----------|---------|--------|--------------------------------|--|
| 1 | Toxaphene | | 8001-35-2 | 1051817 | % | 1,009.0 µg/mL | +/- 55.9920 |

Ship:

Ambient

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane CAS # 110-54-3 Purity 99%





Column: 30m x .25mm x .2um Rtx-CLP II (cat.# 11323)

Carrier Gas: helium-constant pressure 20 psi.

Temp. Program: 200°C to 300°C @ 25°C/min. (hold 10 min.)

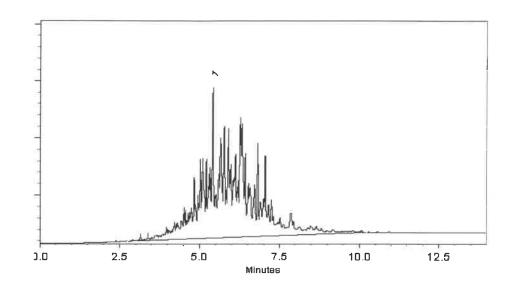
Inj. Temp: 250°C

Det. Temp: 300°C

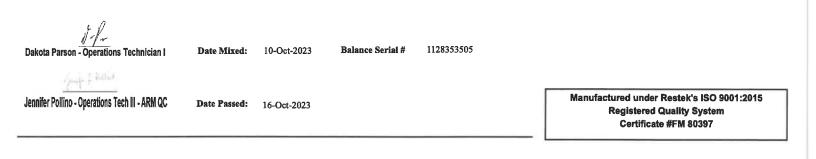
Det. Type: ECD

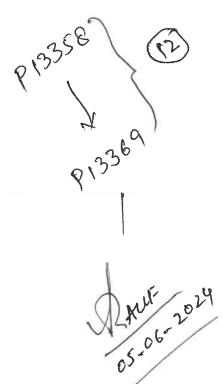
Split Vent: 300 ml/min.

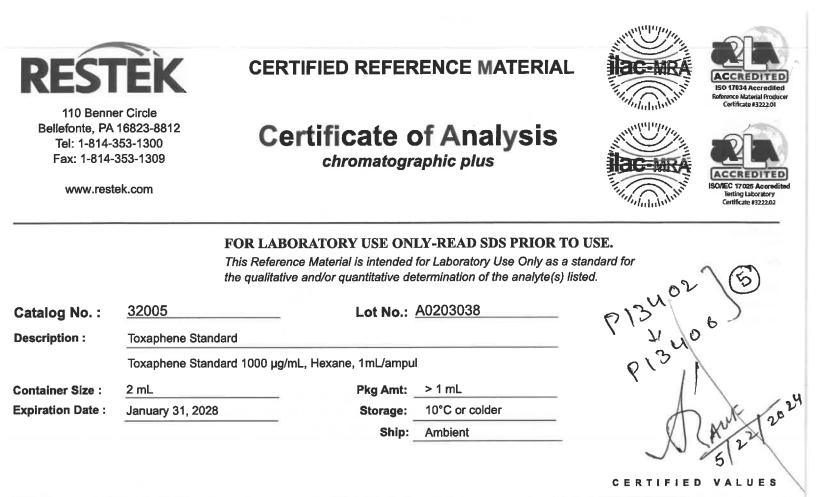
Inj. Vol 0.2μl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.







| Elution Order | Compound | CAS# | Lot # | Purîty | Grav. Conc. (weight/volume) | Expanded Uncertainty * (95% C.L.; K=2) |
|------------------|-----------|-----------|---------|--------|--------------------------------|--|
| 1 | Toxaphene | 8001-35-2 | 1051817 | % | 1,009.0 μg/mL | +/- 55.9920 |

* Expanded Uncertainty displayed in same units as Grav. Conc.

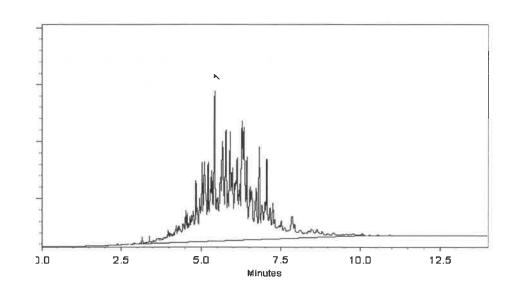
Solvent: Hexane CAS # 110-54-3 Purity 99%

Column: 30m x .25mm x .2um Rtx-CLP II (cat.# 11323) **Carrier Gas:** helium-constant pressure 20 psi. Temp. Program: 200°C to 300°C @ 25°C/min. (hold 10 min.) Inj. Temp: 250°C Det. Temp: 300°C

ECD

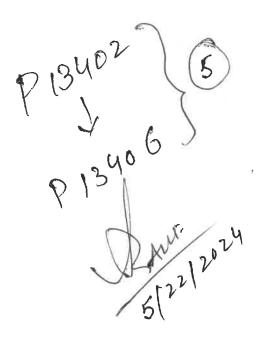
300 ml/min.

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Balance Serial # 1128353505 10-Oct-2023 Dakota Parson - Operations Technician I **Date Mixed:** I pundo à Pollinit Manufactured under Restek's ISO 9001:2015 Jennifer Pollino - Operations Tech III - ARM QC Date Passed: 16-Oct-2023 **Registered Quality System** Certificate #FM 80397



Det. Type:

Split Vent:

Inj. Vol