

## Test Report

No.: CANEC25011421002

Date: Jun 13, 2025

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Client Name: JIAYU ENERGY TECHNOLOGY CO., LTD

Client Address: UNIT 1, BUILDING 3, NO.3 NANSHAN ROAD, SONGSHAN LAKE PARK. DONGGUAN CITY. 523000 GUANGDONG P.R. CHINA

Sample Name: PV Microinverter

Model No.: JMI-800

The above sample(s) and information were provided by the client.

SGS Job No.: SZP25-024475

Sample Receiving Date: May 19, 2025

Testing Period: May 19, 2025 ~ Jun 09, 2025

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

| Test Requirement                                                                                                                                               | Conclusion |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Total Tin Screening for Organostannic compounds            | Pass       |
| Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Organostannic compounds                                    | Pass       |
| Entry 50 of Regulation (EU) 2021/1199 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)                       | Pass       |
| Entry 68 of Regulation (EU) 2021/1297 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - C9-C14 PFCAs, their salts and C9-C14 PFCA-related substances | Pass       |

Signed for and on behalf of  
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Allie Chen

Allie Chen  
Approved Signatory

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SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Technical Services Laboratory

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## Test Result(s):

Photo of Submitted Sample



SGS authenticate the photo on original report only

## Test Part Description:

| SN ID | Sample No. | SGS Sample ID           | Description                                      |
|-------|------------|-------------------------|--------------------------------------------------|
| SN1   | A1         | CAN25-0114210-0001.C001 | Black plastic (cable jacket) with white printing |
| SN2   | A2         | CAN25-0114210-0001.C002 | Black plastic part                               |
| SN3   | A3         | CAN25-0114210-0001.C003 | Black plastic part                               |
| SN4   | A4         | CAN25-0114210-0001.C004 | Blue plastic part                                |
| SN5   | A5         | CAN25-0114210-0001.C005 | Blue plastic (wire insulation)                   |
| SN6   | A6         | CAN25-0114210-0001.C006 | Brown plastic (wire insulation)                  |
| SN7   | A7         | CAN25-0114210-0001.C007 | Yellow/green plastic (wire insulation)           |
| SN8   | A8         | CAN25-0114210-0001.C008 | Black plastic part                               |
| SN9   | A9         | CAN25-0114210-0001.C009 | Black plastic part                               |
| SN10  | A10        | CAN25-0114210-0001.C010 | Black adhesive plastic sheet                     |
| SN11  | A11        | CAN25-0114210-0001.C011 | Black plastic part                               |
| SN12  | A12        | CAN25-0114210-0001.C012 | Black plastic part                               |
| SN13  | A13        | CAN25-0114210-0001.C013 | Black plastic part                               |
| SN14  | A14        | CAN25-0114210-0001.C014 | Black "PCB"                                      |
| SN15  | A15        | CAN25-0114210-0001.C015 | Black rubber part                                |
| SN16  | A16        | CAN25-0114210-0001.C016 | Black plastic (cable jacket)                     |
| SN17  | A17        | CAN25-0114210-0001.C017 | Transparent plastic (wire insulation)            |
| SN18  | A18        | CAN25-0114210-0001.C018 | Black plastic part                               |
| SN19  | A19        | CAN25-0114210-0001.C019 | Black plastic part                               |
| SN20  | A20        | CAN25-0114210-0001.C020 | Black plastic part                               |



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| SN ID | Sample No. | SGS Sample ID           | Description                                                           |
|-------|------------|-------------------------|-----------------------------------------------------------------------|
| SN21  | A21        | CAN25-0114210-0001.C021 | Black plastic shell with white printing                               |
| SN22  | A22        | CAN25-0114210-0001.C022 | Black rubber cover                                                    |
| SN23  | A23        | CAN25-0114210-0001.C023 | Transparent adhesive plastic sheet                                    |
| SN24  | A24        | CAN25-0114210-0001.C024 | Brown paper sheet with liquid                                         |
| SN25  | A25        | CAN25-0114210-0001.C025 | Grey plastic shell with white printing                                |
| SN26  | A26        | CAN25-0114210-0001.C026 | Black block (envelopment)                                             |
| SN27  | A27        | CAN25-0114210-0001.C027 | Silvery block(filling)                                                |
| SN28  | A28        | CAN25-0114210-0001.C028 | Grey plastic shell with white printing                                |
| SN29  | A29        | CAN25-0114210-0001.C029 | Yellow plastic sheet                                                  |
| SN30  | A30        | CAN25-0114210-0001.C030 | Blue surfaced material ring                                           |
| SN31  | A31        | CAN25-0114210-0001.C031 | Black "PCB"                                                           |
| SN32  | A32        | CAN25-0114210-0001.C032 | Brown transparent adhesive plastic sheet                              |
| SN33  | A33        | CAN25-0114210-0001.C033 | Yellow adhesive plastic sheet                                         |
| SN34  | A34        | CAN25-0114210-0001.C034 | Black plastic part                                                    |
| SN35  | A35        | CAN25-0114210-0001.C035 | Brown plastic shell with white printing                               |
| SN36  | A36        | CAN25-0114210-0001.C036 | Black plastic part                                                    |
| SN37  | A37        | CAN25-0114210-0001.C037 | White plastic shell with grey printing                                |
| SN38  | A38        | CAN25-0114210-0001.C038 | Black plastic part                                                    |
| SN39  | A39        | CAN25-0114210-0001.C039 | White plastic part                                                    |
| SN40  | A40        | CAN25-0114210-0001.C040 | Grey plastic shell with white printing                                |
| SN41  | A41        | CAN25-0114210-0001.C041 | Black plastic part                                                    |
| SN42  | A42        | CAN25-0114210-0001.C042 | Grey plastic shell with grey printing                                 |
| SN43  | A43        | CAN25-0114210-0001.C043 | Black plastic shell                                                   |
| SN44  | A44        | CAN25-0114210-0001.C044 | Black glue                                                            |
| SN45  | A45        | CAN25-0114210-0001.C045 | White translucent plastic tube                                        |
| SN46  | A46        | CAN25-0114210-0001.C046 | Yellow plastic sheet                                                  |
| SN47  | A47        | CAN25-0114210-0001.C047 | Black plastic part                                                    |
| SN48  | A48        | CAN25-0114210-0001.C048 | Green "PCB"                                                           |
| SN49  | A49        | CAN25-0114210-0001.C049 | Transparent plastic part                                              |
| SN50  | A50        | CAN25-0114210-0001.C050 | Grey material sheet                                                   |
| SN51  | A51        | CAN25-0114210-0001.C051 | Black adhesive plastic sheet                                          |
| SN52  | A1+A2      | CAN25-0114210-0002      | Black plastic (cable jacket) with white printing + Black plastic part |
| SN53  | A3+A4      | CAN25-0114210-0003      | Black plastic part + Blue plastic part                                |
| SN54  | A8+A11     | CAN25-0114210-0004      | Black plastic part + Black plastic part                               |
| SN55  | A13+A18    | CAN25-0114210-0005      | Black plastic part + Black plastic part                               |
| SN56  | A48+A51    | CAN25-0114210-0006      | Green "PCB" + Black adhesive plastic sheet                            |

### Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

### Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Total Tin Screening for Organostannic compounds

**Test Method:** SGS In-house method, analysis was performed by EDXRF.



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| Test Item(s)      | Limit | Unit(s) | MDL | A1          | A2          | A3          |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A4          | A5          | A6          |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A7          | A8          | A9          |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A10         | A11         | A12         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A13         | A14         | A15         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A16         | A17         | A18         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A19         | A20         | A21         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A22         | A23         | A24         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A25         | A26         | A27         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A28         | A29         | A30         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A32         | A33         | A34         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A35         | A36         | A37         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |



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| Test Item(s)      | Limit | Unit(s) | MDL | A38         | A39         | A41         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A42         | A44         | A45         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A46         | A47         | A48         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)      | Limit | Unit(s) | MDL | A49         | A50         | A51         |
|-------------------|-------|---------|-----|-------------|-------------|-------------|
| Tin (Sn)          | --    | mg/kg   | 700 | ND          | ND          | ND          |
| <b>Conclusion</b> |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

### Notes:

- (1) Confirmation test of organic tin is not required in case of Total Tin, after conversion, does not exceed the Organotin by weight of Tin requirement as specified in Entry 20 of Annex XVII.
- (2) If the Total Tin content is over 700 mg/kg, it is strongly recommended to perform further Organotin test to check the compliance with Entry 20 of REACH ANNEX XVII.

### Entry 20 of Regulation (EU) No 276/2010 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - Organostannic compounds

**Test Method:** With reference to ISO 17353:2004, analysis was performed by GC-MS.

| Test Item(s)                                              | Limit | Unit(s) | MDL  | A31         | A40         | A43         |
|-----------------------------------------------------------|-------|---------|------|-------------|-------------|-------------|
| Tributyltin(TBT) by Weight of Tin                         | -     | %       | 0.01 | ND          | ND          | ND          |
| Triphenyltin(TPhT) by Weight of Tin                       | -     | %       | 0.01 | ND          | ND          | ND          |
| Tricyclohexyltin(TCyT) by Weight of Tin                   | -     | %       | 0.01 | ND          | ND          | ND          |
| Trioctyltin(TOT) by Weight of Tin                         | -     | %       | 0.01 | ND          | ND          | ND          |
| Tripropyltin (TPT) by weight of Tin                       | -     | %       | 0.01 | ND          | ND          | ND          |
| Trimethyltin(TMT) by Weight of Tin                        | -     | %       | 0.01 | ND          | ND          | ND          |
| Σ of Tri substituted organotin compounds by Weight of Tin | 0.1   | %       | -    | ND          | ND          | ND          |
| Dibutyltin(DBT) by Weight of Tin                          | 0.1   | %       | 0.01 | ND          | ND          | ND          |
| Diocetyl tin(DOT) by Weight of Tin                        | 0.1   | %       | 0.01 | ND          | ND          | ND          |
| <b>Conclusion</b>                                         |       |         |      | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

### Entry 50 of Regulation (EU) 2021/1199 amending Annex XVII of REACH Regulation (EC) No 1907/2006- Polycyclic Aromatic Hydrocarbons (PAHs)

**Test Method:** With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.



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| Test Item(s)                | CAS No.  | Limit | Unit(s) | MDL | A1          | A2          | A3          |
|-----------------------------|----------|-------|---------|-----|-------------|-------------|-------------|
| Benzo(a)anthracene(BaA)     | 56-55-3  | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Chrysene(CHR)               | 218-01-9 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(b)Fluoranthene(BbF)   | 205-99-2 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(j)fluoranthene(BjF)   | 205-82-3 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(k)Fluoranthene(BkF)   | 207-08-9 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(e)pyrene(BeP)         | 192-97-2 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(a)pyrene(BaP)         | 50-32-8  | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Dibenzo(a,h)Anthracene(DBA) | 53-70-3  | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| <b>Conclusion</b>           |          |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)                | CAS No.  | Limit | Unit(s) | MDL | A4          | A8          | A11         |
|-----------------------------|----------|-------|---------|-----|-------------|-------------|-------------|
| Benzo(a)anthracene(BaA)     | 56-55-3  | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Chrysene(CHR)               | 218-01-9 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(b)Fluoranthene(BbF)   | 205-99-2 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(j)fluoranthene(BjF)   | 205-82-3 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(k)Fluoranthene(BkF)   | 207-08-9 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(e)pyrene(BeP)         | 192-97-2 | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Benzo(a)pyrene(BaP)         | 50-32-8  | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| Dibenzo(a,h)Anthracene(DBA) | 53-70-3  | 1.0   | mg/kg   | 0.1 | ND          | ND          | ND          |
| <b>Conclusion</b>           |          |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)              | CAS No.  | Limit | Unit(s) | MDL | A13 | A18 |
|---------------------------|----------|-------|---------|-----|-----|-----|
| Benzo(a)anthracene(BaA)   | 56-55-3  | 1.0   | mg/kg   | 0.1 | ND  | ND  |
| Chrysene(CHR)             | 218-01-9 | 1.0   | mg/kg   | 0.1 | ND  | ND  |
| Benzo(b)Fluoranthene(BbF) | 205-99-2 | 1.0   | mg/kg   | 0.1 | ND  | ND  |
| Benzo(j)fluoranthene(BjF) | 205-82-3 | 1.0   | mg/kg   | 0.1 | ND  | ND  |
| Benzo(k)Fluoranthene(BkF) | 207-08-9 | 1.0   | mg/kg   | 0.1 | ND  | ND  |
| Benzo(e)pyrene(BeP)       | 192-97-2 | 1.0   | mg/kg   | 0.1 | ND  | ND  |
| Benzo(a)pyrene(BaP)       | 50-32-8  | 1.0   | mg/kg   | 0.1 | ND  | ND  |



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| Test Item(s)                | CAS No. | Limit | Unit(s) | MDL | A13         | A18         |
|-----------------------------|---------|-------|---------|-----|-------------|-------------|
| Dibenzo(a,h)Anthracene(DBA) | 53-70-3 | 1.0   | mg/kg   | 0.1 | ND          | ND          |
| <b>Conclusion</b>           |         |       |         |     | <b>Pass</b> | <b>Pass</b> |

## **Entry 68 of Regulation (EU) 2021/1297 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - C9-C14 PFCAs, their salts and C9-C14 PFCA-related substances**

**Test Method:** Modified EN 17681-1:2022 and EN 17681-2:2022, analysis was performed by LC-MS or LC-MS/MS and GC-MS or GC-MS/MS.

| Test Item(s)                                      | CAS No.     | Limit | Unit(s) | MDL | A1+A2 | A3+A4 | A8+A11 |
|---------------------------------------------------|-------------|-------|---------|-----|-------|-------|--------|
| <b>C9-C14 PFCA, their salts</b>                   |             |       |         |     |       |       |        |
| Perfluorononane Acid (PFNA), its salts^           | 375-95-1    | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluorodecane Acid (PFDA), its salts^           | 335-76-2    | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluoroundecanoic Acid (PFUnDA), its salts^     | 2058-94-8   | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluorododecanoic Acid (PFDoDA), its salts^     | 307-55-1    | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluorotridecanoic Acid (PFTrDA), its salts^    | 72629-94-8  | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluorotetradecanoic Acid (PFTDA), its salts^   | 376-06-7    | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA) | 172155-07-6 | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Sum of C9-C14 PFCA, their salts                   | -           | 25    | µg/kg   | -   | ND    | ND    | ND     |
| <b>C9-C14 PFCA-related substances</b>             |             |       |         |     |       |       |        |
| Perfluorodecane sulfonic acid (PFDS), its salts^  | 335-77-3    | -     | µg/kg   | 10  | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)     | 865-86-1    | -     | µg/kg   | 100 | ND    | ND    | ND     |



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| Test Item(s)                                                       | CAS No.     | Limit | Unit(s) | MDL | A1+A2 | A3+A4 | A8+A11 |
|--------------------------------------------------------------------|-------------|-------|---------|-----|-------|-------|--------|
| 1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)                   | 17741-60-5  | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)              | 2144-54-9   | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)                   | 39239-77-5  | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^ | 120226-60-0 | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)               | 2043-54-1   | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)                  | 30046-31-2  | -     | µg/kg   | 100 | ND    | ND    | ND     |
| Perfluorononane sulfonic acid (PFNS), its salts^                   | 68259-12-1  | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluoroundecane sulfonic acid (PFUnDS), its salts^               | 749786-16-1 | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluorododecane sulfonic acid (PFDoDS), its salts^               | 79780-39-5  | -     | µg/kg   | 10  | ND    | ND    | ND     |
| Perfluorotridecane sulfonic acid (PFTrDS), its salts^              | 791563-89-8 | -     | µg/kg   | 10  | ND    | ND    | ND     |
| 10:2 Fluorotelomerphosphatediester (10:2 diPAP), its salts^        | 1895-26-7   | -     | µg/kg   | 100 | ND    | ND    | ND     |
| Perfluorodecyl iodide (PFDI)                                       | 423-62-1    | -     | µg/kg   | 100 | ND    | ND    | ND     |
| Perfluorododecyl iodide (PFDoDI)                                   | 307-60-8    | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)                        | 70887-94-4  | -     | µg/kg   | 100 | ND    | ND    | ND     |



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| Test Item(s)                                                                                          | CAS No.                 | Limit | Unit(s) | MDL | A1+A2 | A3+A4 | A8+A11 |
|-------------------------------------------------------------------------------------------------------|-------------------------|-------|---------|-----|-------|-------|--------|
| 2-Perfluorodecyl ethanoic acid (10:2 FTCA)                                                            | 53826-13-4              | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)                                                     | 37858-05-2              | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorodecanes ulfonic acid (8:2 FTS), its salts^                                       | 39108-34-4              | -     | µg/kg   | 10  | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)                                                         | 27905-45-9              | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)                                                    | 1996-88-9               | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^                                                     | 27854-31-5              | -     | µg/kg   | 10  | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)                                                            | 678-39-7                | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)                                                          | 2043-53-0               | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )   | 101947-16-4             | -     | µg/kg   | 100 | ND    | ND    | ND     |
| bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^ | 678-41-1                | -     | µg/kg   | 10  | ND    | ND    | ND     |
| 2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^                                           | 34598-33-9              | -     | µg/kg   | 10  | ND    | ND    | ND     |
| 1H,1H,2H-Heptafluoro-1-decene (PFDE)                                                                  | 21652-58-4              | -     | µg/kg   | 100 | ND    | ND    | ND     |
| 1H,1H,2H,2H-Perfluorodecyltrichloroacetate (8:3 FTCA), its salts^                                     | 78560-44-8 / 83048-65-1 | -     | µg/kg   | 100 | ND    | ND    | ND     |



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| Test Item(s)                                                                                                                   | CAS No.    | Limit | Unit(s) | MDL | A1+A2       | A3+A4       | A8+A11      |
|--------------------------------------------------------------------------------------------------------------------------------|------------|-------|---------|-----|-------------|-------------|-------------|
| chlorosilane (8:2 FTSiCl <sub>3</sub> )/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH <sub>3</sub> ) <sub>3</sub> ) |            |       |         |     |             |             |             |
| 1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)                                                                                 | 37858-04-1 | -     | µg/kg   | 100 | ND          | ND          | ND          |
| 8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^                                                                | 57678-03-2 | -     | µg/kg   | 100 | ND          | ND          | ND          |
| 10:2 Fluorotelomerphosphate monoester (10:2 monoPAP), its salts^                                                               | 57678-05-4 | -     | µg/kg   | 100 | ND          | ND          | ND          |
| Sum of C9-C14 PFCA-related substances                                                                                          | -          | 260   | µg/kg   | -   | ND          | ND          | ND          |
| <b>Conclusion</b>                                                                                                              |            |       |         |     | <b>Pass</b> | <b>Pass</b> | <b>Pass</b> |

| Test Item(s)                                    | CAS No.    | Limit | Unit(s) | MDL | A13+A18 | A48+A51 |
|-------------------------------------------------|------------|-------|---------|-----|---------|---------|
| <b>C9-C14 PFCA, their salts</b>                 |            |       |         |     |         |         |
| Perfluorononane Acid (PFNA), its salts^         | 375-95-1   | -     | µg/kg   | 10  | ND      | ND      |
| Perfluorodecane Acid (PFDA), its salts^         | 335-76-2   | -     | µg/kg   | 10  | ND      | ND      |
| Perfluoroundecanoic Acid (PFUnDA), its salts^   | 2058-94-8  | -     | µg/kg   | 10  | ND      | ND      |
| Perfluorododecanoic Acid (PFDoDA), its salts^   | 307-55-1   | -     | µg/kg   | 10  | ND      | ND      |
| Perfluorotridecanoic Acid (PFTrDA), its salts^  | 72629-94-8 | -     | µg/kg   | 10  | ND      | ND      |
| Perfluorotetradecanoic Acid (PFTDA), its salts^ | 376-06-7   | -     | µg/kg   | 10  | ND      | ND      |



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| Test Item(s)                                                       | CAS No.     | Limit | Unit(s) | MDL | A13+A18 | A48+A51 |
|--------------------------------------------------------------------|-------------|-------|---------|-----|---------|---------|
| Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)                  | 172155-07-6 | -     | µg/kg   | 10  | ND      | ND      |
| Sum of C9-C14 PFCA, their salts                                    | -           | 25    | µg/kg   | -   | ND      | ND      |
| <b>C9-C14 PFCA-related substances</b>                              |             |       |         |     |         |         |
| Perfluorodecane sulfonic acid (PFDS), its salts^                   | 335-77-3    | -     | µg/kg   | 10  | ND      | ND      |
| 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)                      | 865-86-1    | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)                   | 17741-60-5  | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)              | 2144-54-9   | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)                   | 39239-77-5  | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^ | 120226-60-0 | -     | µg/kg   | 100 | ND      | ND      |
| 1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)               | 2043-54-1   | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)                  | 30046-31-2  | -     | µg/kg   | 100 | ND      | ND      |
| Perfluorononane sulfonic acid (PFNS), its salts^                   | 68259-12-1  | -     | µg/kg   | 10  | ND      | ND      |
| Perfluoroundecane sulfonic acid (PFUnDS), its salts^               | 749786-16-1 | -     | µg/kg   | 10  | ND      | ND      |
| Perfluorododecane sulfonic acid (PFDoDS), its salts^               | 79780-39-5  | -     | µg/kg   | 10  | ND      | ND      |



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| Test Item(s)                                                                                        | CAS No.     | Limit | Unit(s) | MDL | A13+A18 | A48+A51 |
|-----------------------------------------------------------------------------------------------------|-------------|-------|---------|-----|---------|---------|
| Perfluorotridecane sulfonic acid (PFTTrDS), its salts^                                              | 791563-89-8 | -     | µg/kg   | 10  | ND      | ND      |
| 10:2 Fluortelomerphosphatediester (10:2 diPAP), its salts^                                          | 1895-26-7   | -     | µg/kg   | 100 | ND      | ND      |
| Perfluorodecyl iodide (PFDI)                                                                        | 423-62-1    | -     | µg/kg   | 100 | ND      | ND      |
| Perfluorododecyl iodide (PFDdDI)                                                                    | 307-60-8    | -     | µg/kg   | 100 | ND      | ND      |
| 2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)                                                         | 70887-94-4  | -     | µg/kg   | 100 | ND      | ND      |
| 2-Perfluorodecyl ethanoic acid (10:2 FTCA)                                                          | 53826-13-4  | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)                                                   | 37858-05-2  | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^                                      | 39108-34-4  | -     | µg/kg   | 10  | ND      | ND      |
| 1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)                                                       | 27905-45-9  | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)                                                  | 1996-88-9   | -     | µg/kg   | 100 | ND      | ND      |
| 2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^                                                   | 27854-31-5  | -     | µg/kg   | 10  | ND      | ND      |
| 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)                                                          | 678-39-7    | -     | µg/kg   | 100 | ND      | ND      |
| 1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)                                                        | 2043-53-0   | -     | µg/kg   | 100 | ND      | ND      |
| 1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> ) | 101947-16-4 | -     | µg/kg   | 100 | ND      | ND      |



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| Test Item(s)                                                                                                                                                | CAS No.                   | Limit | Unit(s) | MDL | A13+A18     | A48+A51     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------|---------|-----|-------------|-------------|
| bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^                                                       | 678-41-1                  | -     | µg/kg   | 10  | ND          | ND          |
| 2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^                                                                                                 | 34598-33-9                | -     | µg/kg   | 10  | ND          | ND          |
| 1H,1H,2H-Heptafluorodecyl-1-decene (PFDE)                                                                                                                   | 21652-58-4                | -     | µg/kg   | 100 | ND          | ND          |
| 1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl <sub>3</sub> )/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH <sub>3</sub> ) <sub>3</sub> ) | 78560-44-8<br>/83048-65-1 | -     | µg/kg   | 100 | ND          | ND          |
| 1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)                                                                                                              | 37858-04-1                | -     | µg/kg   | 100 | ND          | ND          |
| 8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^                                                                                             | 57678-03-2                | -     | µg/kg   | 100 | ND          | ND          |
| 10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^                                                                                           | 57678-05-4                | -     | µg/kg   | 100 | ND          | ND          |
| Sum of C9-C14 PFCA-related substances                                                                                                                       | -                         | 260   | µg/kg   | -   | ND          | ND          |
| <b>Conclusion</b>                                                                                                                                           |                           |       |         |     | <b>Pass</b> | <b>Pass</b> |

### Notes:

- (1) 1µg/kg=1ppb.
- (2) Until 25 August 2024, the concentration limit shall be 2000 ppb for the sum of C9-C14 PFCA in fluoroplastics and fluoroelastomers that contain perfluoroalkoxy groups. From 25 August 2024, the concentration limit shall be 100 ppb for the sum of C9-C14 PFCA, in fluoroplastics and fluoroelastomers that contain perfluoroalkoxy groups.
- (3) The concentration limit shall be 1000ppb for the sum of C9-C14 PFCA, where these are present in PTFE micro powders produced by ionising irradiation or by thermal degradation, as well as in mixtures



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and articles for industrial and professional uses containing PTFE micro powders.

(4) ^=Substances refer to its salts/derivative listed in below table.

| Substance Name                                                                                                                                                            | CAS No.     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| PFNA, its salts                                                                                                                                                           |             |
| Perfluorononane Acid (PFNA)                                                                                                                                               | 375-95-1    |
| Perfluorononanoate Na-Salt (PFNA-Na)                                                                                                                                      | 21049-39-8  |
| Nonanoic acid, heptadecafluoro-, ammonium salt (PFNA-NH <sub>4</sub> )                                                                                                    | 4149-60-4   |
| Potassium perfluorononanoate (PFNA-K)                                                                                                                                     | 21049-38-7  |
| Perfluorononanoate Li-Salt (PFNA-Li)                                                                                                                                      | 60871-92-3  |
| Silver perfluorononanoate (PFNA-Ag)                                                                                                                                       | 7358-16-9   |
| Methanaminium perfluorononanoate (PFNA-NH <sub>3</sub> (CH <sub>3</sub> ))                                                                                                | 77032-23-6  |
| Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) PFNA-NH <sub>2</sub> (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub> | 77032-27-0  |
| Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-NH <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )          | 77032-24-7  |
| Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )                                    | 327176-80-7 |
| Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH <sub>2</sub> (C <sub>5</sub> H <sub>10</sub> ))                                              | 95682-66-9  |
| Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> ))                  | 95682-67-0  |
| Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH <sub>3</sub> (C <sub>6</sub> H <sub>11</sub> ))                                         | 328531-06-2 |
| Perfluorononanoate (anion)                                                                                                                                                | 72007-68-2  |
| 4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C <sub>11</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub> S)                           | 298703-33-0 |
| Perfluorononanoic anhydride (PFNAA)                                                                                                                                       | 228407-54-3 |
| PFDA, its salts                                                                                                                                                           |             |
| Perfluorodecane Acid (PFDA)                                                                                                                                               | 335-76-2    |
| Sodium perfluorodecanoate (PFDA-Na)                                                                                                                                       | 3830-45-3   |
| Perfluorodecanoate ammonium salt (PFDA-NH <sub>4</sub> )                                                                                                                  | 3108-42-7   |
| Potassium perfluorodecanoate (PFDA-K)                                                                                                                                     | 51604-85-4  |
| Silver perfluorodecanoate (PFDA-Ag)                                                                                                                                       | 5784-82-7   |
| Lithium perfluorodecanoate (PFDA-Li)                                                                                                                                      | 84743-32-8  |
| Perfluorodecanoate (anion)                                                                                                                                                | 73829-36-4  |
| Perfluorodecanoic anhydride (PFDA)                                                                                                                                        | 942199-24-8 |
| PFUnDA, its salts                                                                                                                                                         |             |
| Perfluoroundecanoic Acid (PFUnDA)                                                                                                                                         | 2058-94-8   |
| Perfluoroundecanoic acid sodium salt (PFUnDA-Na)                                                                                                                          | 60871-96-7  |
| Ammonium perfluoroundecanoate (PFUnDA-NH <sub>4</sub> )                                                                                                                   | 4234-23-5   |
| Potassium perfluoroundecanoate (PFUnDA-K)                                                                                                                                 | 30377-53-8  |
| Calcium perfluoroundecanoate (PFUnDA-Ca)                                                                                                                                  | 97163-17-2  |
| Perfluoroundecanoate (anion)                                                                                                                                              | 196859-54-8 |
| PFDODA, its salts                                                                                                                                                         |             |
| Perfluorododecanoic Acid (PFDODA)                                                                                                                                         | 307-55-1    |
| Ammonium tricosafuorododecanoate (PFDODA-NH <sub>4</sub> )                                                                                                                | 3793-74-6   |
| Perfluorododecanoate (anion)                                                                                                                                              | 171978-95-3 |
| PFTrDA, its salts                                                                                                                                                         |             |



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|-------------------------------------------------------------------------------------------------------------------------------|--------------|
| Perfluorotridecanoic Acid (PFTDA)                                                                                             | 72629-94-8   |
| Ammonium perfluorotridecanoate (PFTDA-NH <sub>4</sub> )                                                                       | 4288-72-6    |
| Sodium perfluorotridecanoate (PFTDA-Na)                                                                                       | 60872-01-7   |
| Perfluorotridecanoate (anion)                                                                                                 | 862374-87-6  |
| PFTDA, its salts                                                                                                              |              |
| Perfluorotetradecanoic Acid (PFTDA)                                                                                           | 376-06-7     |
| Perfluorotetradecanoate (anion)                                                                                               | 365971-87-5  |
| PFDS, its salts                                                                                                               |              |
| Perfluorodecane Sulfonate (PFDS)                                                                                              | 335-77-3     |
| Perfluorodecanesulfonate Na-salt (PFDS-Na)                                                                                    | 2806-15-7    |
| Perfluorodecanesulfonate K-salt (PFDS-K)                                                                                      | 2806-16-8    |
| Perfluorodecanesulfonic acid ammonium salt (PFDS-NH <sub>4</sub> )                                                            | 67906-42-7   |
| Perfluorodecane sulfonate (anion)                                                                                             | 126105-34-8  |
| Perfluorodecane sulfonic anhydride (PFDSA)                                                                                    | 51667-62-0   |
| PFNS, its salts                                                                                                               |              |
| Perfluoro nonane sulfonic acid (PFNS)                                                                                         | 68259-12-1   |
| Sodium perfluoro-1-nonanesulfonate (PFNS-Na)                                                                                  | 98789-57-2   |
| ammonium nonadecafluorononanesulphonate (PFNS-NH <sub>4</sub> )                                                               | 17202-41-4   |
| Potassium perfluorononanesulfonate (PFNS-K)                                                                                   | 29359-39-5   |
| Perfluorononane sulfonate (anion)                                                                                             | 474511-07-4  |
| PUnDS, its salts                                                                                                              |              |
| Perfluoroundecane sulfonic acid (PUnDS)                                                                                       | 749786-16-1  |
| Perfluoroundecanesulfonate (anion)                                                                                            | 441296-91-9  |
| PDoDS, its salts                                                                                                              |              |
| Perfluorododecanesulfonic acid (PDoDS)                                                                                        | 79780-39-5   |
| Sodium perfluoro-1-dodecanesulfonate (PDoDS-Na)                                                                               | 1260224-54-1 |
| Potassium perfluorododecanesulfonate (PDoDS-K)                                                                                | 85187-17-3   |
| Perfluorododecane sulfonate (anion)                                                                                           | 343629-43-6  |
| PTrDS, its salts                                                                                                              |              |
| Perfluorotridecane sulfonic acid (PTrDS)                                                                                      | 791563-89-8  |
| Sodium perfluoro-1-tridecanesulfonate (PTrDS-Na)                                                                              | 174675-49-1  |
| 10:2 diPAP, its salts                                                                                                         |              |
| 10:2 Fluortelomerphosphatediester (10:2 diPAP)                                                                                | 1895-26-7    |
| Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-C <sub>4</sub> H <sub>11</sub> O <sub>2</sub> ) | 57677-98-2   |
| 8:2 FTS, its salts                                                                                                            |              |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)                                                                            | 39108-34-4   |
| Potassium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-K)                                                                   | 438237-73-1  |
| Ammonium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-NH <sub>4</sub> )                                                     | 149724-40-3  |
| Sodium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-Na)                                                                     | 27619-96-1   |
| 2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS(anion))                                                                         | 481071-78-7  |
| 8:2 FTCA, its salts                                                                                                           |              |
| 2H,2H-Perfluorodecane Acid (8:2 FTCA)                                                                                         | 27854-31-5   |
| Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )                     | 882489-14-7  |
| 8:2 diPAP, its salts                                                                                                          |              |
| Bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP)                                     | 678-41-1     |
| Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2 diPAP-Na)                                                                | 114519-85-6  |



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|                                                                                   |              |
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| Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate         | 57677-97-1   |
| Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (8:2 diPAP-NH <sub>4</sub> ) | 93776-20-6   |
| 8:2 Fluorotelomer phosphate diester ion (1-)                                      | 1411713-91-1 |
| 8:3 FTCA, its salts                                                               |              |
| 2H,2H,3H,3H-Perfluoroundecanoic acid (8:3 FTCA)                                   | 34598-33-9   |
| Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)                           | 83310-58-1   |
| 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)                                    | 67304-23-8   |
| 8:2 monoPAP, its salts                                                            |              |
| 8:2 Fluorotelomer phosphate monoester (8:2 monoPAP)                               | 57678-03-2   |
| 8:2 Fluorotelomer diammonium phosphate                                            | 93857-44-4   |
| Disodium 1H,1H,2H,2H-perfluorodecylphosphate                                      | 438237-75-3  |
| Ammonium bis[2-(perfluorohexyl)ethyl] phosphate                                   | 1764-95-0    |
| 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt            | 92401-44-0   |
| Sodium 1H,1H,2H,2H-perfluorooctylphosphate                                        | 144965-22-0  |
| Monopotassium monoperfluorohexyl ethylphosphate                                   | 150033-28-6  |
| Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate                               | 2353-52-8    |
| 10:2 monoPAP, its salts                                                           |              |
| 10:2 Fluorotelomerphosphatemonoester (10:2 monoPAP)                               | 57678-05-4   |
| 10:2 Fluorotelomer diammonium dihydrogen phosphate                                | 93857-45-5   |

(5) The conclusion is only applicable to the substance list in the report.

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Based on the material risk assessment results, the selected parts in the sample photos were tested and conclusions were drawn.

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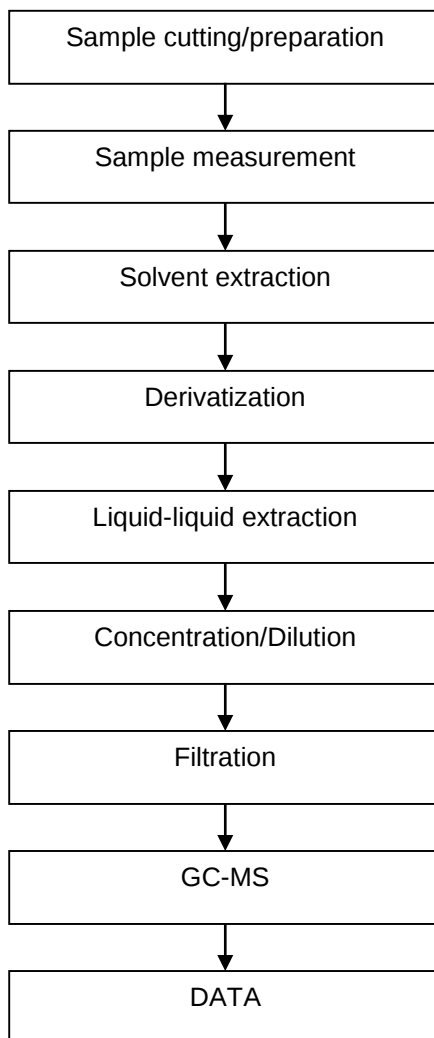
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#### Organotin Testing Flow Chart



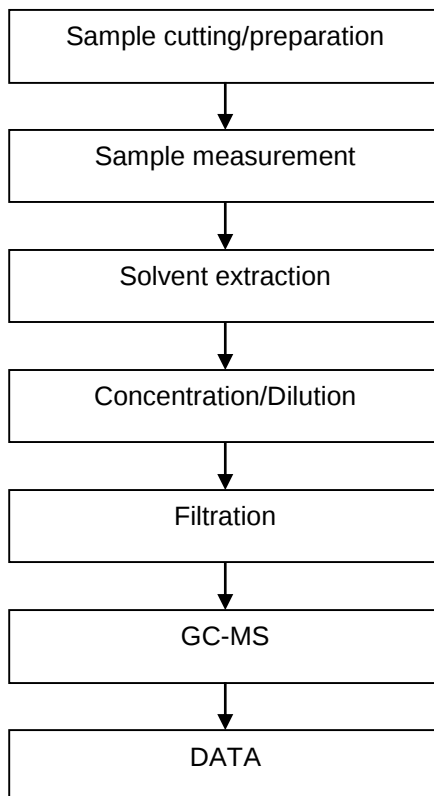
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### PAHs Testing Flow Chart



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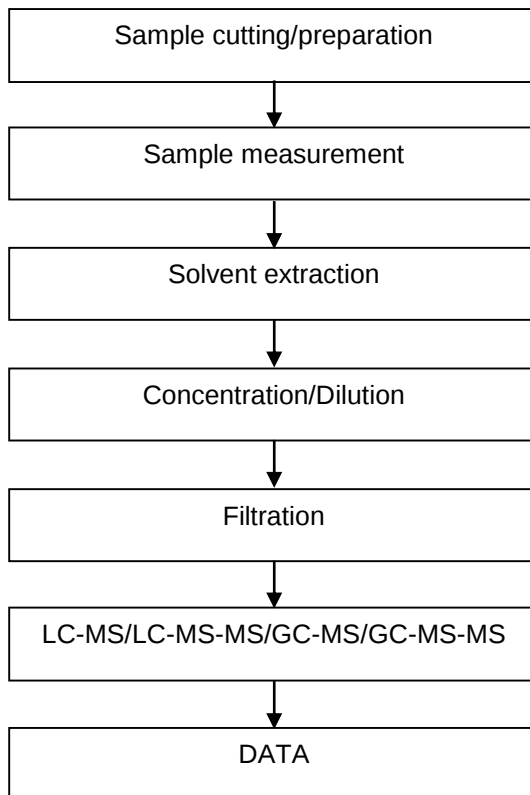
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## PFASs/ PFOS/PFOA Testing Flow Chart



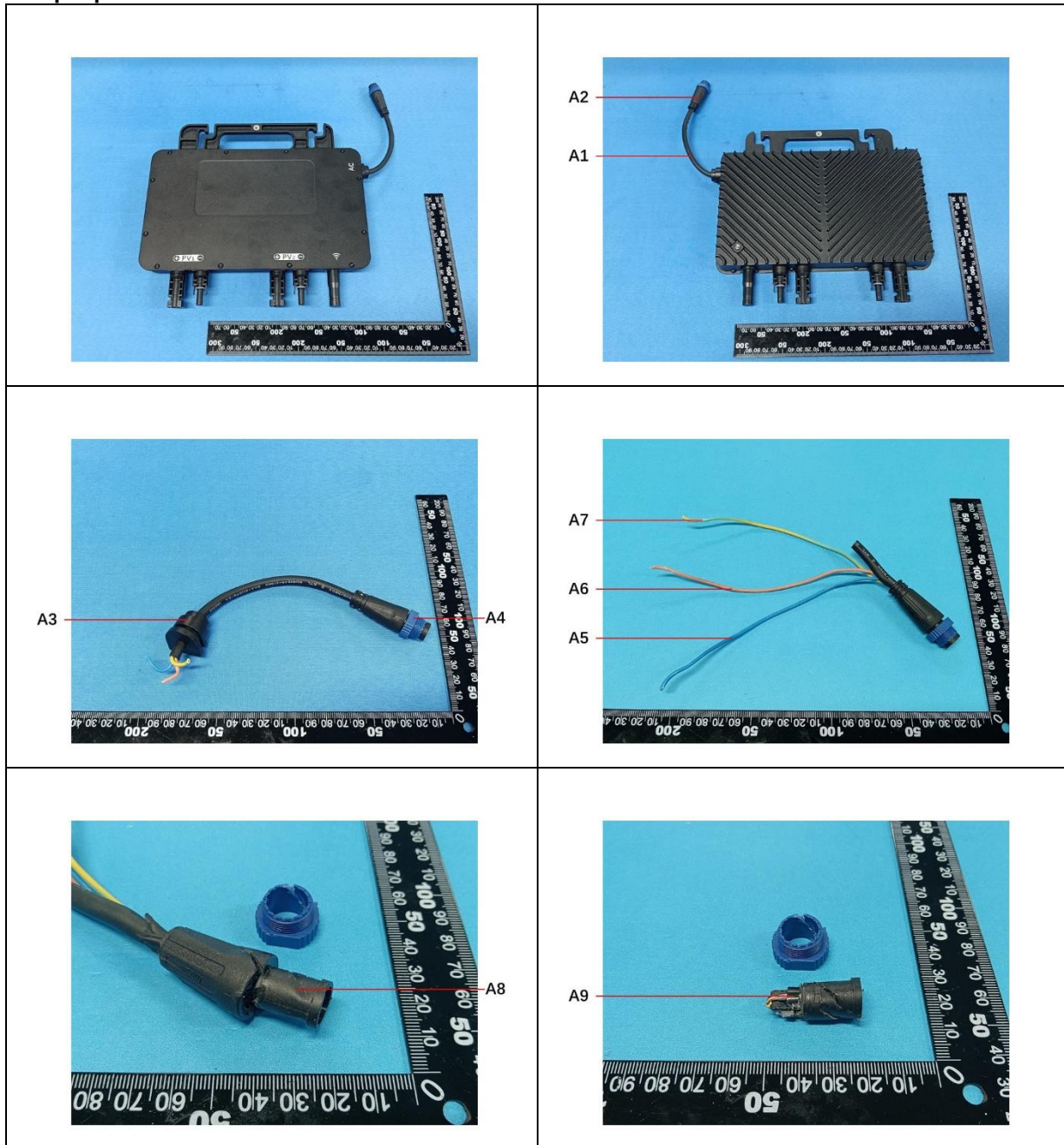
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### Sample photos:



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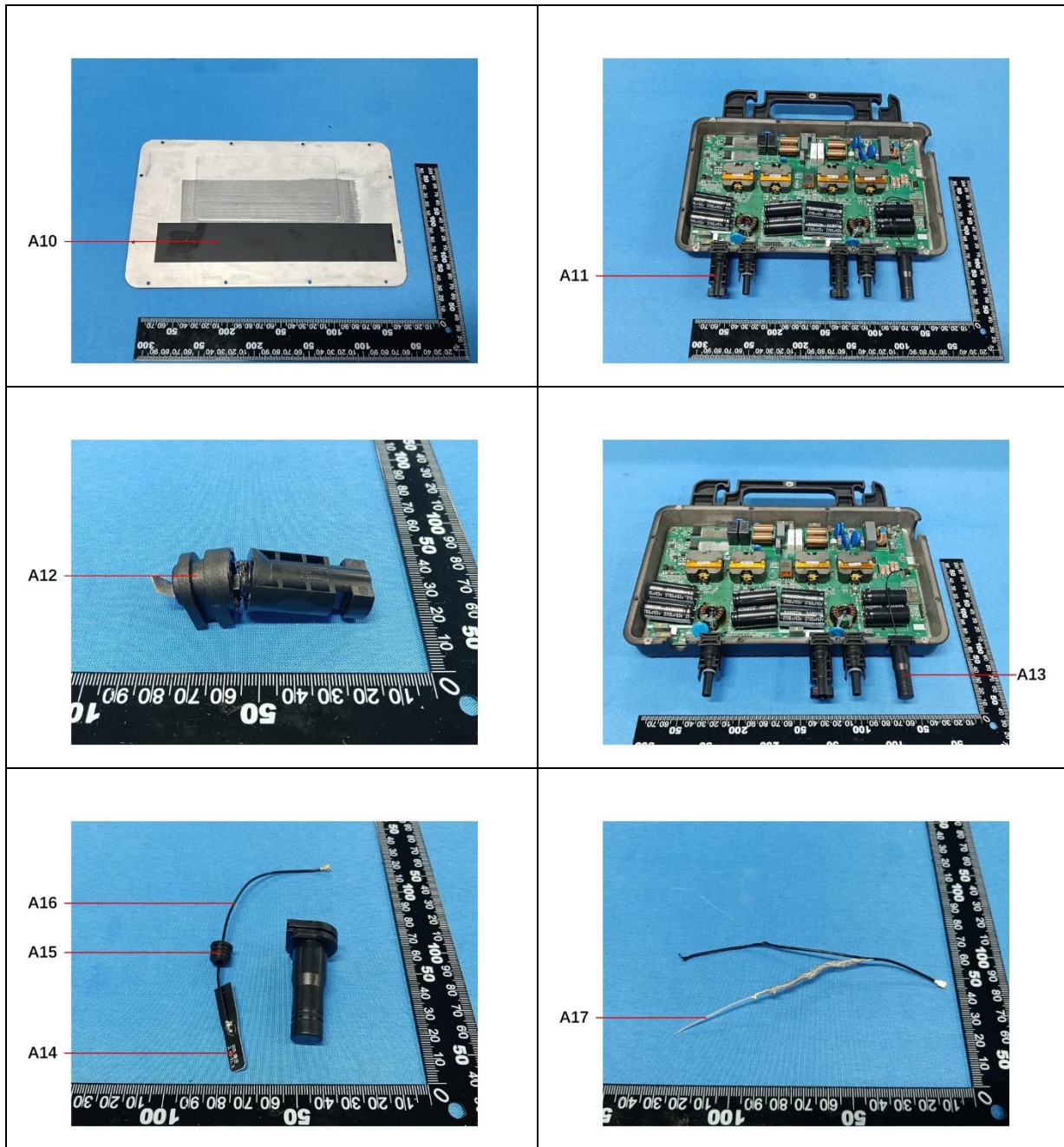
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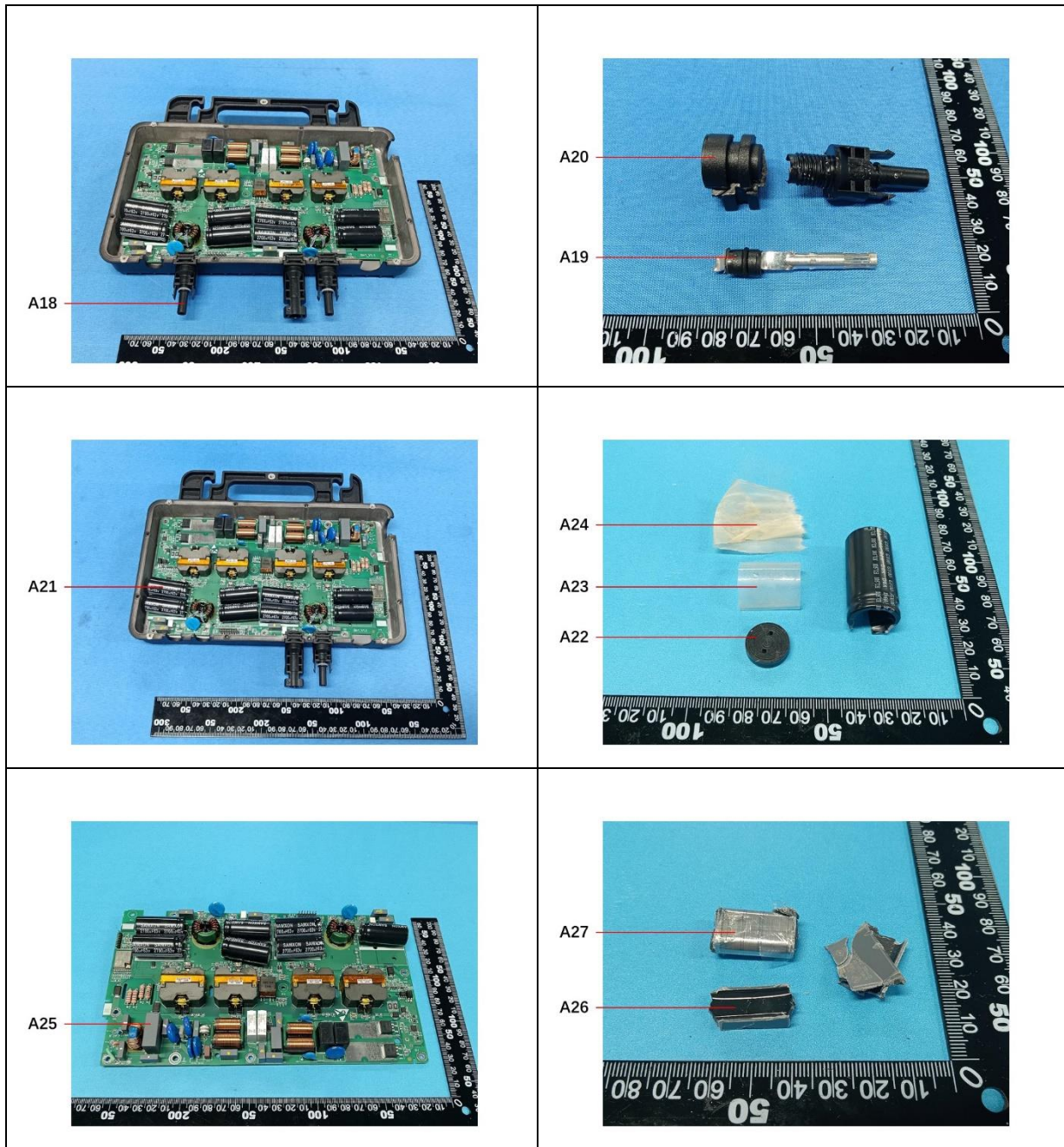
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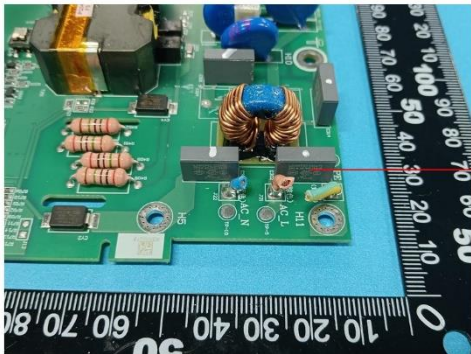
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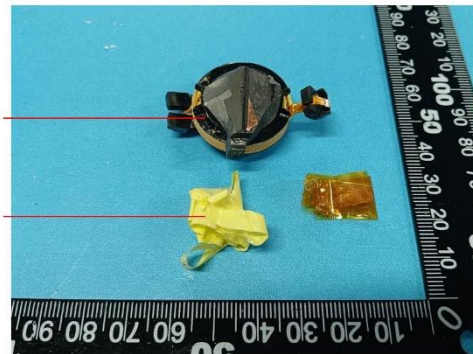
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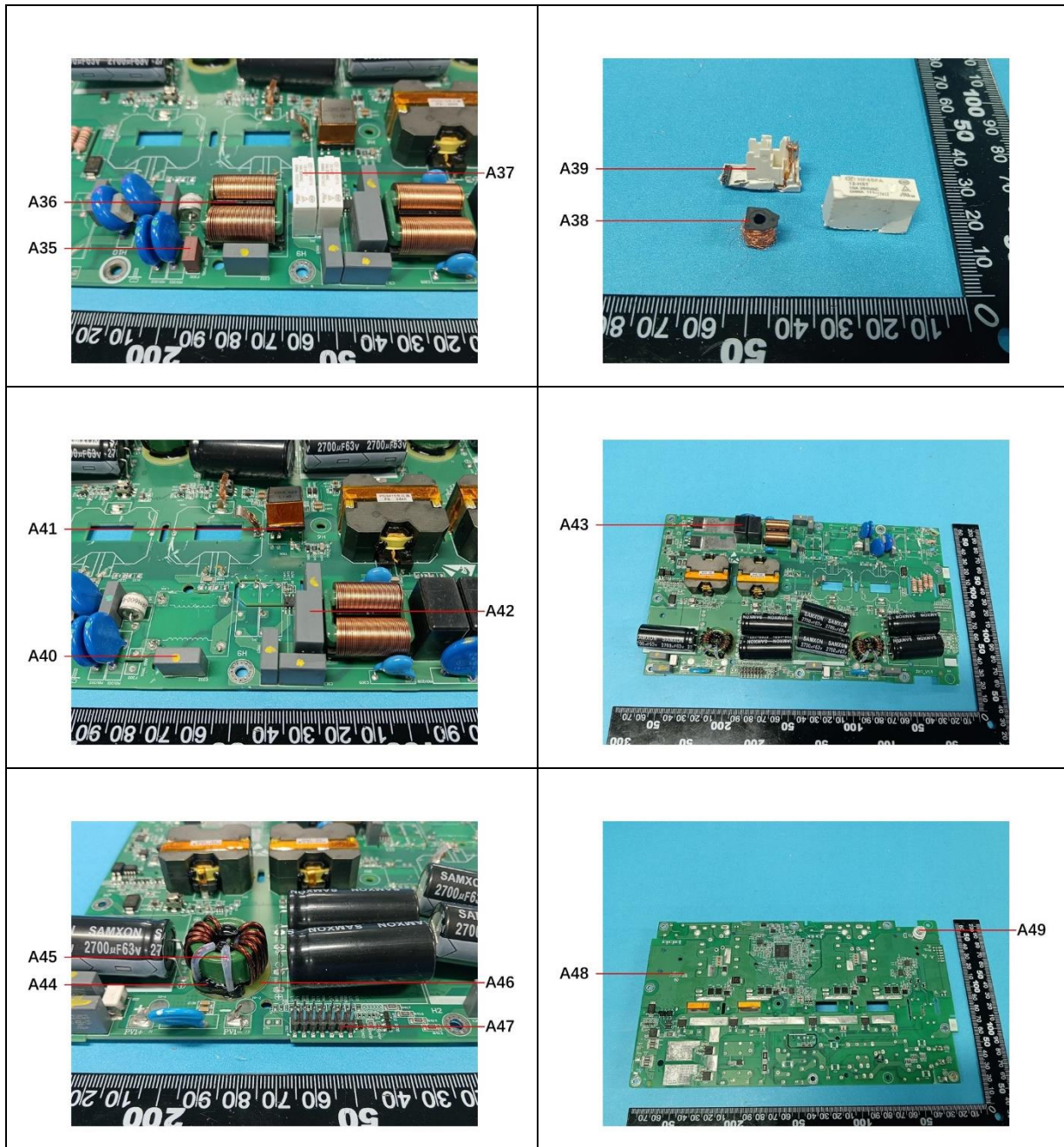
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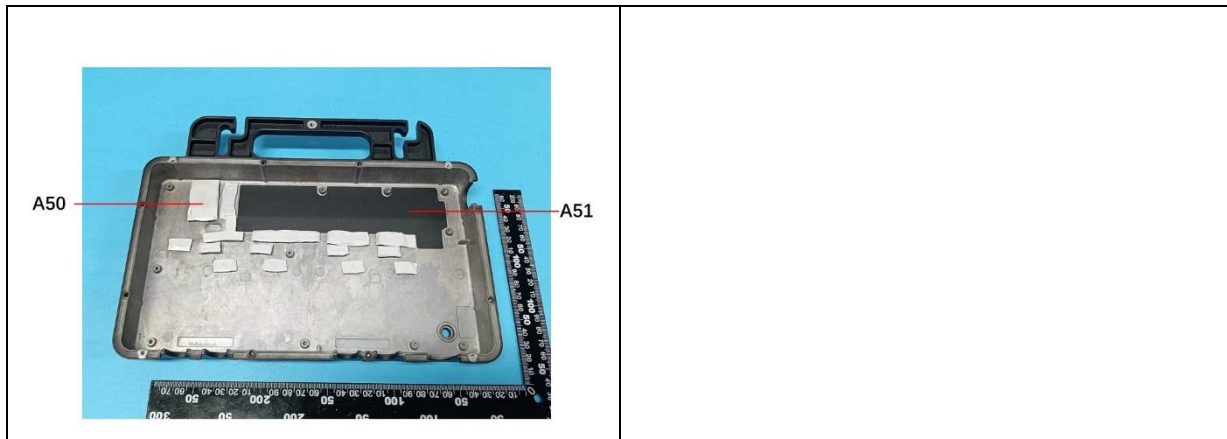
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