



TEST REPORT

Report No.:ANT2406210019-010



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Applicant : Ningbo AUX Solar Technology Co., Ltd.
Address : No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, China
Manufacturer's name : Ningbo AUX Solar Technology Co., Ltd.
Address : No. 17 Fenglin Road, Cicheng Town, Jiangbei District, Ningbo City, Zhejiang Province, China

Report on the submitted samples said to be:

Sample Name : Rechargeable Lithium-ion Battery Pack
Trade Mark : N/A
Tested Style No. : ABL-T05-H02
Series models : ABL-T10-H02, ABL-T15-H02, ABL-T20-H02, ABL-T25-H02
Sample reception time : June 21, 2024
Testing Period : June 21, 2024 ~ June 28, 2024
Test request : Select test(s) as requested by the client.
Test method : Please refer to next page(s).
Results : Please refer to next page(s).

Redact By


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Reviewed By


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Date of issue June 28, 2024

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SUMMARY

- A. As specified by client, to determine the Lead content in the Submitted sample(s) with reference to entry 63, Annex XVII of the REACH Regulation (EU) 2015/628
As specified by client, to determine the Cadmium content in the Submitted sample(s) with reference to entry 23, Annex XVII of the REACH Regulation (EU) 2016/217
As specified by client, to determine the Mercury content in the Submitted sample(s) with reference to entry 18a, Annex XVII of the REACH Regulation (EU) 2015/847
- B. As specified by client, to determine the phthalates content in the Submitted sample(s) with reference to entry 51 and entry 52, Annex XVII of the REACH Regulation (EC) No 1907/2006 and Amendment Regulation(EU) 2018/2005
- C. As specified by client, to determine the Polycyclic-aromatic hydrocarbons content in the Submitted sample(s) with reference to entry 50, Annex XVII of the REACH Amendment Regulation(EU) 2015/326
- D. As specified by client, to determine the Organostannic compounds hydrocarbons content in the Submitted sample(s) with reference to entry 20, Annex XVII of the REACH Regulation(EU) No 276/2010
- E. As specified by client, to determine the Dimethylfumarate (DMF) content in the Submitted sample(s) with reference to entry 61, Annex XVII of the REACH Regulation Amendment Regulation (EU) 2012/412
- F. As specified by client, to determine the Polychlorinated terphenyls (PCTs) content in the Submitted sample(s) with reference to entry 1, Annex XVII of the REACH Regulation (EU) No 1907/2006
- G. As specified by client, to determine the Benzene content in the Submitted sample(s) with reference to entry 5, Annex XVII of the REACH Amendment Regulation(EU) 2015/1494
- H. As specified by client, to determine the 2-Naphthylamine content in the Submitted sample(s) with reference to entry 12, Annex XVII of the REACH Regulation (EU) No 1907/2006
- I. As specified by client, to determine the Benzidine content in the Submitted sample(s) with reference to entry 13, Annex XVII of the REACH Regulation (EU) No 1907/2006
- J. As specified by client, to determine the 4-Nitrobiphenyl content in the Submitted sample(s) with reference to entry 14, Annex XVII of the REACH Regulation(EU) No 1907/2006
- K. As specified by client, to determine the 4-Aminobiphenyl xenylamine content in the Submitted sample(s) with reference to entry 15, Annex XVII of the REACH Regulation (EU)No 1907/2006
- L. As specified by client, to determine the -Dibutyltin hydrogen borate C₈H₁₉BO₃Sn(DBB) content in the Submitted sample(s) with reference to entry 21, Annex XVII of the REACH Regulation (EU) No 1907/2006
- M. As specified by client, to determine the Monomethyl - tetrachlorodiphenylmethane content in the Submitted sample(s) with reference to entry 24, Annex XVII of the REACH Regulation (EU)No 1907/2006

CONCLUSION

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- N. As specified by client, to determine the Monomethyl-dichloro-diphenyl methane content in the Submitted sample(s) with reference to entry 25, Annex XVII of the REACH Regulation (EU) No 1907/2006 **Pass**
- O. As specified by client, to determine the Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers(DBBT) content in the Submitted sample(s) with reference to entry26, Annex XVII of the REACH Regulation (EU)No 1907/2006 **Pass**
- P. As specified by client, to determine the Chloroform content in the Submitted sample(s) with reference to entry 32, Annex XVII of the REACH Regulation (EU) No 1907/2006 **Pass**
- Q. As specified by client, to determine the1,1,2-Trichloroethane content in the Submitted sample(s) with reference to entry 34, Annex XVII of the REACH Regulation (EU) No 1907/2006 **Pass**
- R. As specified by client, to determine the 1,1,2,2-Tetrachloroethane content in the Submitted sample(s) with reference to entry 35, Annex XVII of the REACH Regulation (EU)No 1907/2006 **Pass**
- S. As specified by client, to determine the 1,1,1,2-Tetrachloroethane content in the Submitted sample(s) with reference to entry 36, Annex XVII of the REACH Amendment Regulation(EU) No 1907/2006 **Pass**
- T. As specified by client, to determine thePentachloroethane content in the Submitted sample(s) with reference to entry 37, Annex XVII of the REACH Amendment Regulation(EU) No 1907/2006 **Pass**
- U. As specified by client, to determine the1,1-Dichloroethene content in the Submitted sample(s) with reference to entry 38, Annex XVII of the REACH Amendment Regulation(EU)No 1907/2006 **Pass**
- V. As specified by client, to determine the Hexachloroethane content in the Submitted sample(s) with reference to entry 41, Annex XVII of the REACH Amendment Regulation(EU) No 1907/2006 **Pass**
- W. As specified by client, to determine theDiphenylether, octabromo derivative content in the Submitted sample(s) with reference to entry 45, Annex XVII of the REACH Amendment Regulation(EU) No 1907/2006 **Pass**
- X. As specified by client, to determine the Trichlorobenzene content in the Submitted sample(s) with reference to entry 49, Annex XVII of the REACH Regulation (EU) No 1907/2006 **Pass**
- Y. As specified by client, to determine the Acrylamide content in the Submitted sample(s) with reference to entry 60, Annex XVII of the REACH Regulation (EU) No 1907/2006 **Pass**
- Z. As specified by client, to determine the Phenylmercury acetate, Phenylmercury propionate, Phenylmercury 2-ethylhexanoate , Phenylmercury octanoate, Phenylmercury neodecanoate content in the Submitted sample(s) with reference to entry 62, Annex XVII of the REACH Amendment Regulation(EU) No 848/2012 **Pass**
- AB. As specified by client, to determine the 1-methyl-2-pyrrolidone (NMP) content in the Submitted sample(s) with reference to entry 71, Annex XVII of the REACH Regulation (EU) No 1907/2006 **Pass**



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AC. As specified by client, to determine the Diisocyanates,content in the Submitted sample(s) with reference to entry 74, Annex XVII of the REACH Regulation (EU) No 1907/2006

Pass

AD. As specified by client, to determine the N,N-dimethylformamide content in the Submitted sample(s) with reference to entry 76, Annex XVII of the REACH Regulation (EU) 2No 1907/2006

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Sample Description

Test Group No.	Test Specification (Metal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 1#	1	White metal case	18	Silver metal springs
	3	Silver gray metal	21	Silvery metal
	9	Silvery metal		

Test Group No.	Test Specification (Metal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 2#	25	Silvery metal	31	Golden metal sheet
	27	Silvery metal	33	Silvery metal

Test Group No.	Test Specification (Nonmetal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 3#	2	Black plastic	6	Transparent plastic
	4	Black plastic	7	Black plastic
	5	White plastic sticker		

Test Group No.	Test Specification (Nonmetal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 4#	8	Red plastic	12	Black plastic
	10	Black plastic	13	Blue plastic
	11	Black plastic nuts		

Test Group No.	Test Specification (Nonmetal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 5#	14	White plastic gasket	17	Red plastic
	15	Transparent plastic washer	19	Black sponge
	16	Black plastic		

Test Group No.	Test Specification (Nonmetal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 6#	20	Orange plastic	24	White plastic
	22	Black plastic	26	Transparent plastic
	23	Red plastic		

Test Group No.	Test Specification (Nonmetal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 7#	28	White plastic	32	Black plastic
	29	Blue plastic	34	Orange plastic (insulated wire)
	30	Orange plastic		



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Test Group No.	Test Specification (Nonmetal parts, mixed testing)			
	No.	Part Description	No.	Part Description
Group 8#	35	Yellow-green plastic (insulated wire)	38	Green plastic (insulated wire)
	36	White plastic (insulated wire)	39	Brown plastic (insulated wire)
	37	Red plastic (insulated wire)		

A. The test results of Lead(Pb), Cadmium(Cd) and Mercury(Hg) content

Test method:

1) Lead (Pb) & Cadmium (Cd) Content:

With reference to IEC 62321-5:2013, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

2) Mercury(Hg) Content:

With reference to IEC 62321-4:2013+AMD1:2017 CSV, by acid digestion and analysis was performed by inductively coupled plasma atomic emission spectrometer (ICP-OES)

Item	Unit	MDL	Results				Limit
			1	2	3	4	
Lead(Pb)	mg/kg	2	N.D.	N.D.	N.D.	N.D.	500
Cadmium(Cd)	mg/kg	2	N.D.	N.D.	N.D.	N.D.	100
Mercury(Hg)	mg/kg	2	N.D.	N.D.	N.D.	N.D.	Prohibit

Item	Unit	MDL	Results				Limit
			5	6	7	8	
Lead(Pb)	mg/kg	2	N.D.	N.D.	N.D.	N.D.	500
Cadmium(Cd)	mg/kg	2	N.D.	N.D.	N.D.	N.D.	100
Mercury(Hg)	mg/kg	2	N.D.	N.D.	N.D.	N.D.	Prohibit



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Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- --- = Not Regulated
- Photo appendix is included.



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B. The test results of phthalates content

Test method: With reference to EN14372-2004, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	100	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate (BBP)	85-68-7	mg/kg	100	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	100	N.D.	N.D.	N.D.	1000
Di-n-octyl Phthalate (DNOP)	117-84-0	mg/kg	100	N.D.	N.D.	N.D.	1000
Diisononyl Phthalate (DINP)	20548-62-3	mg/kg	100	N.D.	N.D.	N.D.	1000
Diisodecyl Phthalate (DIDP)	68515-49-1	mg/kg	100	N.D.	N.D.	N.D.	1000
Diisobutyl Phthalate(DIBP)	84-69-5	mg/kg	100	N.D.	N.D.	N.D.	1000

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	100	N.D.	N.D.	N.D.	1000
Benzylbutyl Phthalate (BBP)	85-68-7	mg/kg	100	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	100	N.D.	N.D.	N.D.	1000
Di-n-octyl Phthalate (DNOP)	117-84-0	mg/kg	100	N.D.	N.D.	N.D.	1000
Diisononyl Phthalate (DINP)	20548-62-3	mg/kg	100	N.D.	N.D.	N.D.	1000
Diisodecyl Phthalate (DIDP)	68515-49-1	mg/kg	100	N.D.	N.D.	N.D.	1000
Diisobutyl Phthalate(DIBP)	84-69-5	mg/kg	100	N.D.	N.D.	N.D.	1000

Note:

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C. The test results of PAHs content

Test method: With reference to AfPS GS 2019:01 PAK, by solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Chrysen (CHR)	218-01-9	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Chrysen (CHR)	218-01-9	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.2	N.D.	N.D.	N.D.	<1	<0.5



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Remark:

Category 1: If any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use. Such articles include amongst others:

- sport equipment such as bicycles, golf clubs, racquets
- household utensils, trolleys, walking frames
- tools for domestic use
- clothing, footwear, gloves and sportswear
- watch-straps, wrist-bands, masks, head-bands

Category 2: Toys, including activity toys, and childcare articles, if any of their rubber or plastic components that come into direct as well as prolonged or short-term repetitive contact with the human skin or the oral cavity, under normal or reasonably foreseeable conditions of use.

Note :

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- mg/kg = ppm
- --=It is not stipulated
- Photo appendix is included.



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D. The test results of Dibutyltin(DBT), Tributyltin(TBT), Triphenyltin(TPhT),Diocetyltn(DOT) content

Test method: With reference to ISO/TS 16179:2012(E), by solvent extraction and analysis was performed by gas chromatographic- mass spectrometer (GC-MS)

Item	Unit	MDL	Results			Limit
			3	4	5	
Dibutyltin (DBT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000
Tributyltin(TBT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000
Triphenyltin(TPhT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000
Diocetyltn(DOT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results			Limit
			6	7	8	
Dibutyltin (DBT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000
Tributyltin(TBT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000
Triphenyltin(TPhT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000
Diocetyltn(DOT)	mg/kg	1.0	N.D.	N.D.	N.D.	1000

Note :

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- --- = Not Regulated
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E. The test results of Dimethylfumarate (DMF) content

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
Dimethylformamide (DMFa)	68-12-2	mg/kg	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
Dimethylformamide (DMFa)	68-12-2	mg/kg	0.05	N.D.	N.D.	N.D.	0.1

Note:

- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- mg/kg = ppm
- --=It is not stipulated
- Photo appendix is included.



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F. The test results of Polychlorinated terphenyls (PCTs) content

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Polychlorinated terphenyls (PCTs)</u>	/	mg/kg	0.005	N.D.	N.D.	N.D.	50

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Polychlorinated terphenyls (PCTs)</u>	/	mg/kg	0.005	N.D.	N.D.	N.D.	50

G. The test results of Benzene content

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	MDL	Results			Limit (See Remark)		
			3	4	5	Category 1 一类	Category 2 二类	Category 3 三类
<u>Benzene</u>	71-43-2	1mg/kg	N.D.	N.D.	N.D.	5mg/kg	0.1%	0.1%

Item	CAS No.	MDL	Results			Limit (See Remark)		
			6	7	8	Category 1 一类	Category 2 二类	Category 3 三类
<u>Benzene</u>	71-43-2	1mg/kg	N.D.	N.D.	N.D.	5mg/kg	0.1%	0.1%

Remark:

1.Shall not be used in toys or parts of toys where the concentration of benzene in the free state is greater than 5 mg/kg (0.0005 %) of the weight of the toy or part of toy.

2.Shall not be placed on the market, or used,

— as a substance,

— as a constituent of other substances, or in mixtures, in concentrations equal to, or greater than 0.1 % by

3.However, paragraph 3 shall not apply to:

(a) motor fuels which are covered by Directive 98/70/EC;

(b) substances and mixtures for use in industrial processes not allowing for the emission of benzene in quantities in excess of those laid down in existing legislation;

(c) natural gas placed on the market for use by consumers, provided that the concentration of benzene remains below 0,1 % volume/volume



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H. 2-Naphthylamine

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>2-Naphthylamine</u>	91-59-8	%	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>2-Naphthylamine</u>	91-59-8	%	0.05	N.D.	N.D.	N.D.	0.1

I. Benzidine

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Benzidine</u>	92-87-5	%	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Benzidine</u>	92-87-5	%	0.05	N.D.	N.D.	N.D.	0.1

J.4-Nitrobiphenyl

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>J.4-Nitrobiphenyl</u>	92-93-3	%	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>J.4-Nitrobiphenyl</u>	92-93-3	%	0.05	N.D.	N.D.	N.D.	0.1



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K.4-Aminobiphenyl xenylamine

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>4-Aminobiphenyl xenylamine</u>	92-67-1	%	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>4-Aminobiphenyl xenylamine</u>	92-67-1	%	0.05	N.D.	N.D.	N.D.	0.1

L.Dibutyltin hydrogen borate C₈H₁₉BO₃Sn(DBB)

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Dibutyltin hydrogen borate C₈H₁₉BO₃Sn(DBB)</u>	75113-37-0	%	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Dibutyltin hydrogen borate C₈H₁₉BO₃Sn(DBB)</u>	75113-37-0	%	0.05	N.D.	N.D.	N.D.	0.1

M. Monomethyl - tetrachlorodiphenylmethane

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Monomethyl - tetrachlorodiphenylmethane</u>	76253-60-6	mg/kg	10	N.D.	N.D.	N.D.	Prohibit

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Monomethyl - tetrachlorodiphenylmethane</u>	76253-60-6	mg/kg	10	N.D.	N.D.	N.D.	Prohibit



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N.Monomethyl-dichloro-diphenyl methane

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Monomethyl-dichloro-diphenyl methane</u>	/	mg/kg	10	N.D.	N.D.	N.D.	Prohibit

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Monomethyl-dichloro-diphenyl methane</u>	/	mg/kg	10	N.D.	N.D.	N.D.	Prohibit

O.Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers(DBBT)

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Monomethyl-dibromo-diphenyl methane</u>	99688-47-8	mg/kg	10	N.D.	N.D.	N.D.	Prohibit

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Monomethyl-dibromo-diphenyl methane</u>	99688-47-8	mg/kg	10	N.D.	N.D.	N.D.	Prohibit



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P.Chloroform

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>Chloroform</u>	67-66-3	%	0.05	N.D.	N.D.	N.D.	0.1	0.1

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>Chloroform</u>	67-66-3	%	0.05	N.D.	N.D.	N.D.	0.1	0.1

Q.1,1,2-Trichloroethane

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>1,1,2-Trichloroethane</u>	79-00-5	%	0.05	N.D.	N.D.	N.D.	0.1	0.1

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>1,1,2-Trichloroethane</u>	79-00-5	%	0.05	N.D.	N.D.	N.D.	0.1	0.1

R.1,1,2,2-Tetrachloroethane

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>1,1,2,2-Tetrachloroethane</u>	79-34-5	%	0.05	N.D.	N.D.	N.D.	0.1	0.1

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>1,1,2,2-Tetrachloroethane</u>	79-34-5	%	0.05	N.D.	N.D.	N.D.	0.1	0.1



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S.1,1,1,2-Tetrachloroethane

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>1,1,1,2-Tetrachloroethane</u>	630-20-6	%	0.05	N.D.	N.D.	N.D.	0.1%	0.1%

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>1,1,1,2-Tetrachloroethane</u>	630-20-6	%	0.05	N.D.	N.D.	N.D.	0.1%	0.1%

T.Pentachloroethane

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>Pentachloroethane</u>	76-01-7	%	0.05	N.D.	N.D.	N.D.	0.1%	0.1%

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>Pentachloroethane</u>	76-01-7	%	0.05	N.D.	N.D.	N.D.	0.1%	0.1%

U.1,1-Dichloroethene

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>1,1-Dichloroethene</u>	75-35-4	%	0.05	N.D.	N.D.	N.D.	0.1%	0.1%

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>1,1-Dichloroethene</u>	75-35-4	%	0.05	N.D.	N.D.	N.D.	0.1%	0.1%



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Remark:

Without prejudice to the other parts of this Annex, the following shall apply to entries P to U.

- 1.Shall not be placed on the market, or used,
 - as substances,
 - as constituents of other substances, or in mixtures in concentrations equal to or greater than 0,1 % by weight, where the substance or mixture is intended for supply to the general public and/or is intended for diffusive applications such as in surface cleaning and cleaning of fabrics.

2.Without prejudice to the application of other Community provisions on the classification, packaging and labelling of substances and mixtures, suppliers shall ensure before the placing on the market that the packaging of such substances and mixtures containing them in concentrations equal to or greater than 0,1 % by weight is visibly, legibly and indelibly marked as follows:

‘For use in industrial installations only’ .

By way of derogation this provision shall not apply to:

- (a) medicinal or veterinary products as defined by Directive 2001/82/EC and Directive 2001/83/EC;
- (b) cosmetic products as defined by Directive 76/768/EEC.



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V. Hexachloroethane

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Hexachloroethane</u>	67-72-1	mg/kg	10	N.D.	N.D.	N.D.	Prohibit

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Hexachloroethane</u>	67-72-1	mg/kg	10	N.D.	N.D.	N.D.	Prohibit

W. Diphenylether, octabromo derivative

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>Diphenylether, octabromo derivative</u>	/	%	0.05	N.D.	N.D.	N.D.	0.1	0.1%

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>Diphenylether, octabromo derivative</u>	/	%	0.05	N.D.	N.D.	N.D.	0.1	0.1%

Remark:

- Shall not be placed on the market, or used:
 - as a substance,
 - as a constituent of other substances, or in mixtures, in concentrations greater than 0.1 % by weight.
- Articles shall not be placed on the market if they, or flame-retardant parts thereof, contain this substance in concentrations greater than 0.1 % by weight.
- By way of derogation, paragraph 2 shall not apply:
 - to articles that were in use in the Community before 15 August 2004,
 - to electrical and electronic equipment within the scope of Directive 2002/95/EC.



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X.Trichlorobenzene

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Trichlorobenzene</u>	120-82-1	%	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Trichlorobenzene</u>	120-82-1	%	0.05	N.D.	N.D.	N.D.	0.1

Remark:

Shall not be placed on the market, or used, as a substance or in mixtures in a concentration equal to or greater than 0.1 % by weight for any use except:

- as an intermediate of synthesis, or,
- as a process solvent in closed chemical applications for chlorination reactions, or,
- in the manufacture of 1,3,5-triamino-2,4,6- trinitrobenzene (TATB).

Y.Acrylamide

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Acrylamide</u>	79-06-1	%	0.05	N.D.	N.D.	N.D.	0.1

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Acrylamide</u>	79-06-1	%	0.05	N.D.	N.D.	N.D.	0.1



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Z.Phanylmercury acetate, Phenylmercury propionate, Phenylmercury 2-ethylhexanoate , Phenylmercury octanoate, Phenylmercury neodecanoate

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				3	4	5	Category 1	Category 2
<u>Phenylmercury acetate</u>	62-38-4	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury propionate</u>	103-27-5	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury 2-ethylhexanoate</u>	13302-00-6	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury octanoate</u>	13864-38-5	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury neodecanoate</u>	26545-49-3	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%

Item	CAS No.	Unit	MDL	Results			Limit (See Remark)	
				6	7	8	Category 1	Category 2
<u>Phenylmercury acetate</u>	62-38-4	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury propionate</u>	103-27-5	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury 2-ethylhexanoate</u>	13302-00-6	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury octanoate</u>	13864-38-5	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%
<u>Phenylmercury neodecanoate</u>	26545-49-3	%	0.005	N.D.	N.D.	N.D.	0.01%	0.01%

Remark:

1. Shall not be manufactured, placed on the market or used as substances or in mixtures after 10 October 2017 if the concentration of mercury in the mixtures is equal to or greater than 0.01 % by weight.
2. Articles or any parts thereof containing one or more of these substances shall not be placed on the market after 10 October 2017 if the concentration of mercury in the articles or any part thereof is equal to or greater than 0.01 % by weight.



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AB.1-methyl-2-pyrrolidone (NMP)

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>1-methyl-2-pyrrolidone (NMP)</u>	872-50-4	%	0.05	N.D.	N.D.	N.D.	0.3%

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>1-methyl-2-pyrrolidone (NMP)</u>	872-50-4	%	0.05	N.D.	N.D.	N.D.	0.3%

AC.Diisocyanates

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>Diisocyanates</u>	/	%	0.05	N.D.	N.D.	N.D.	0.1%

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>Diisocyanates</u>	/	%	0.05	N.D.	N.D.	N.D.	0.1%

AD.N,N-dimethylformamide

Test method: By solvent extraction and analysis was performed by gas chromatographic-mass spectrometer (GC-MS)

Item	CAS No.	Unit	MDL	Results			Limit
				3	4	5	
<u>N,N-dimethylformamide</u>	68-12-2	%	0.05	N.D.	N.D.	N.D.	0.3%

Item	CAS No.	Unit	MDL	Results			Limit
				6	7	8	
<u>N,N-dimethylformamide</u>	68-12-2	%	0.05	N.D.	N.D.	N.D.	0.3%



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Remark:

N.D. = Not Detected or less than MDL

- MDL = Method Detection Limit
- mg/kg = ppm
- Photo appendix is included.



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The photo of the sample

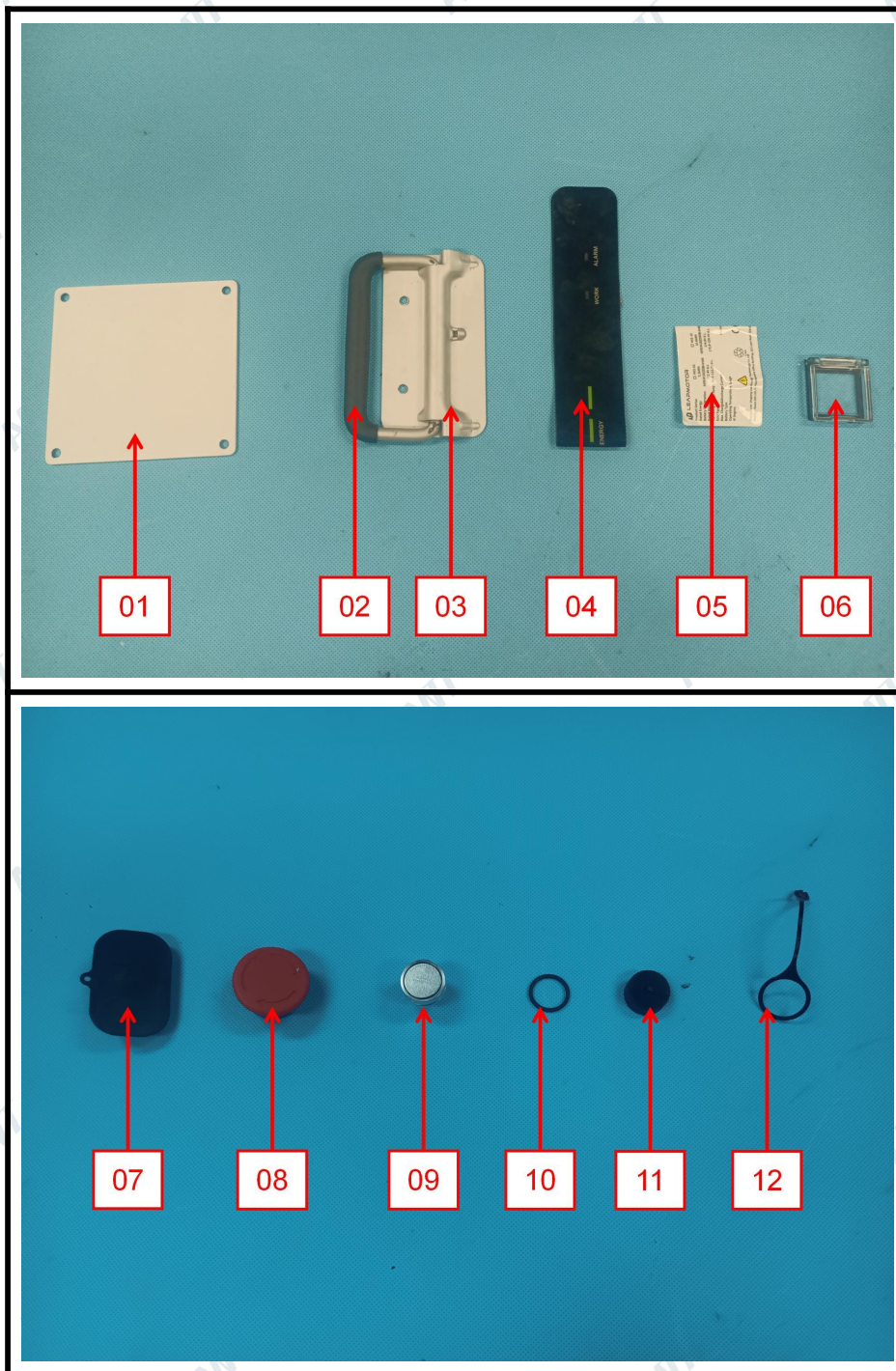




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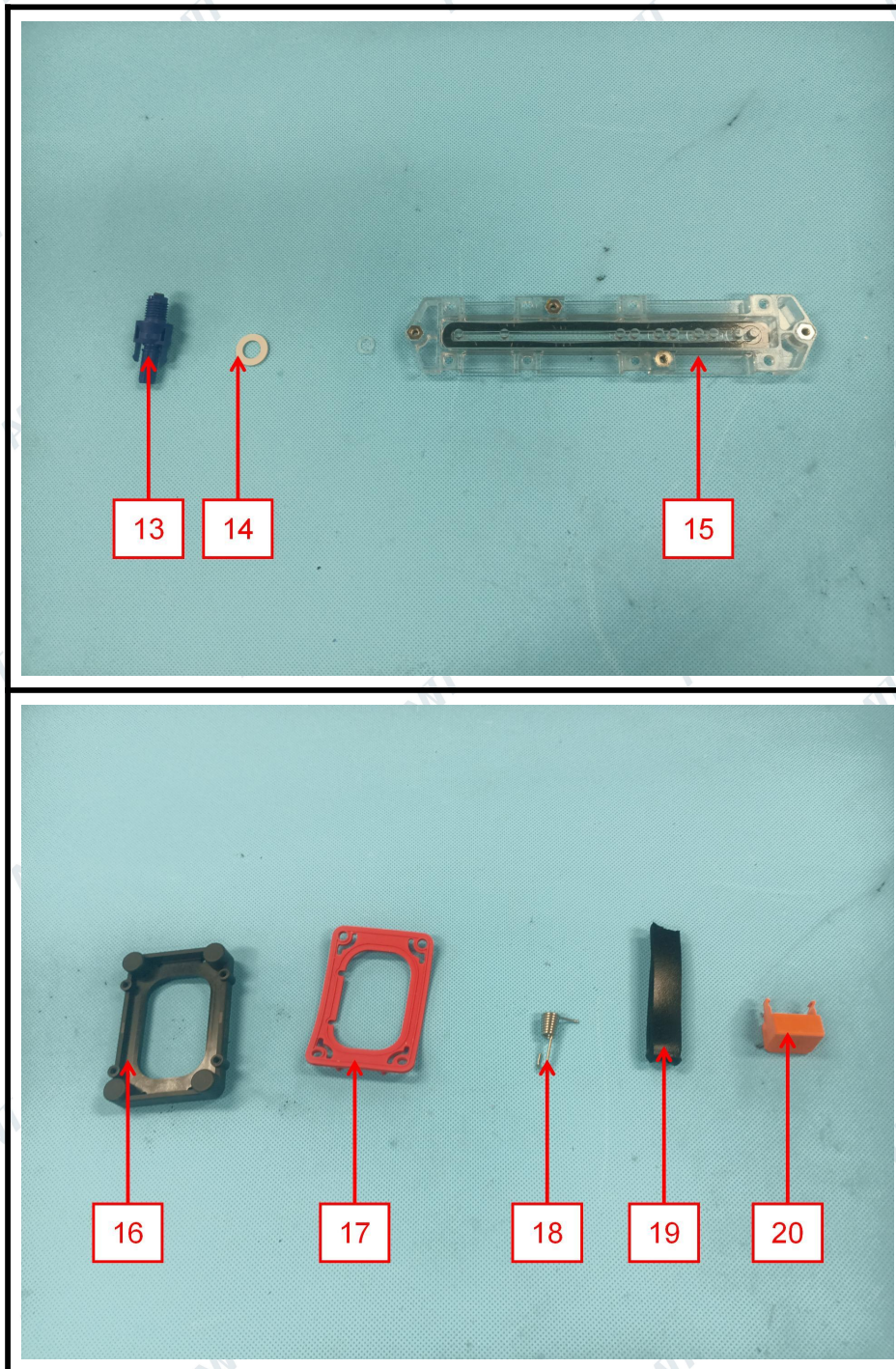




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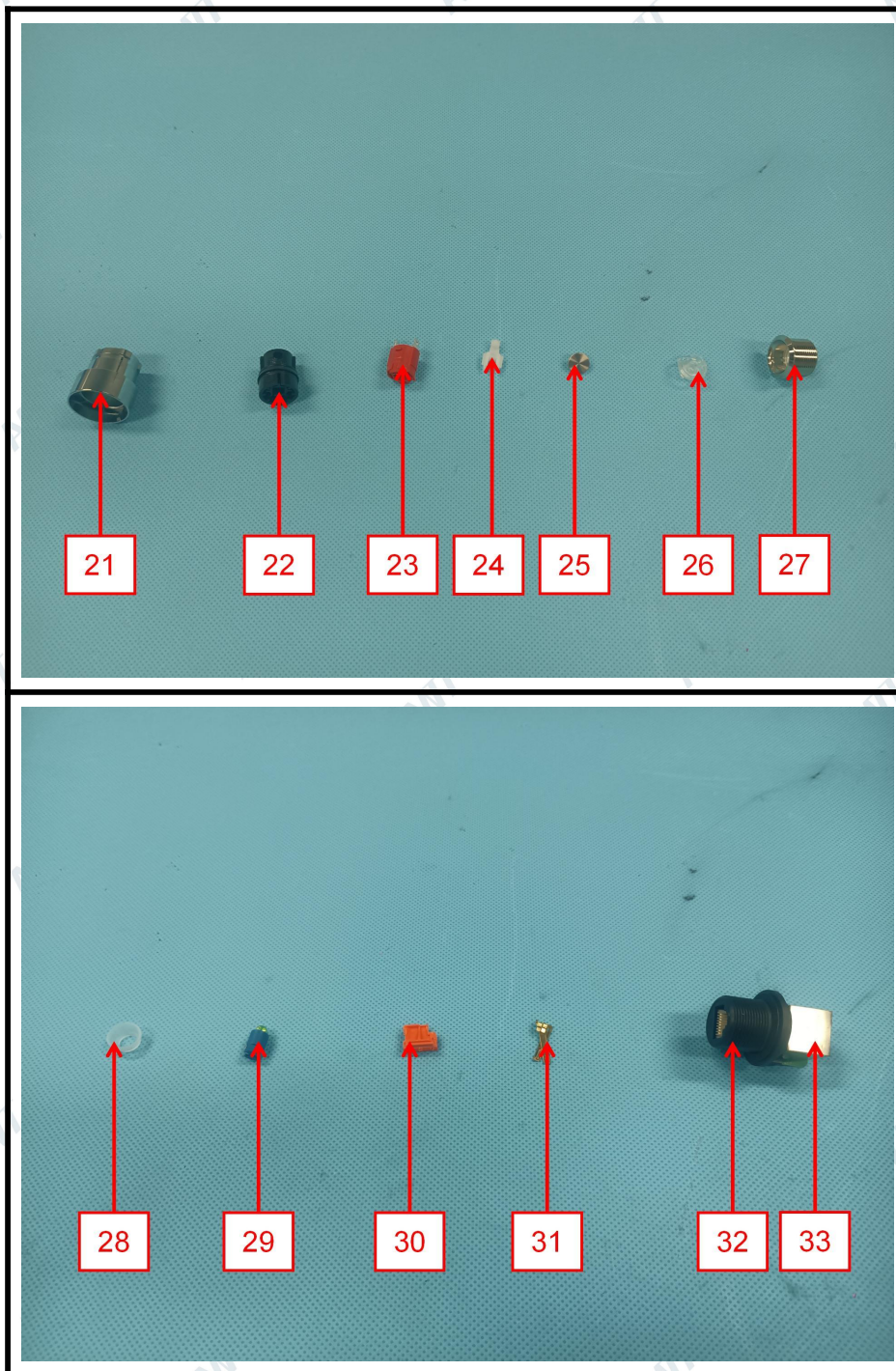




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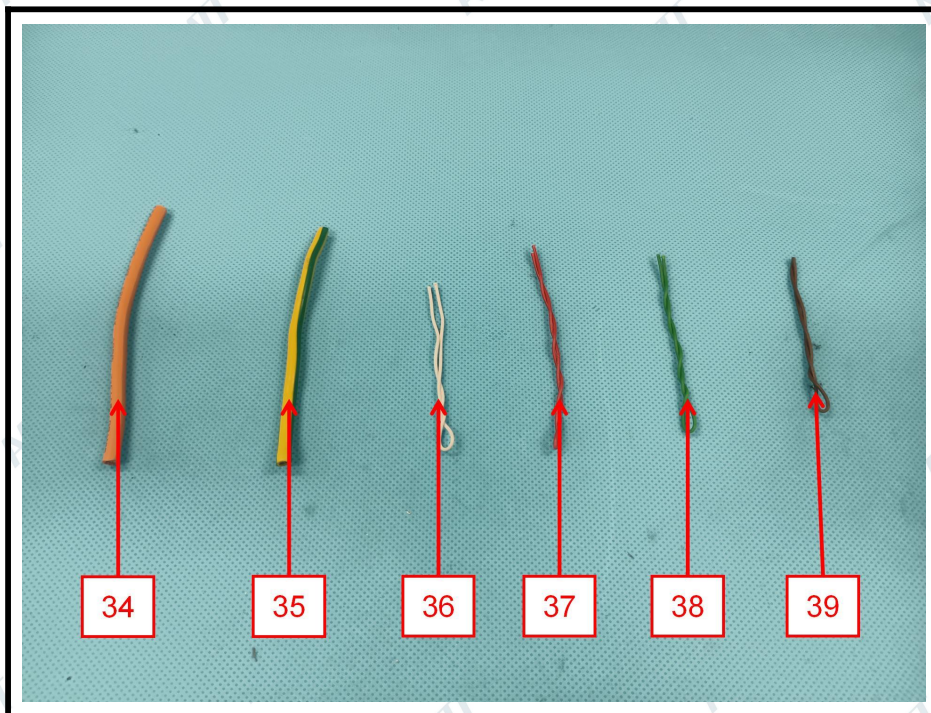




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*** End of Report ***