

## Test Report

No.: CANEC23017729317

Date: Jan 13, 2024

Page 1 of 10

Client Name: DONG GUAN NEW-ORIENT TECHNOLOGY CO., LTD.

Client Address: NO. 53, TIANXIN BEIMEN LANE, HUANGJIANG TOWN, DONGGUAN CITY, GUANGDONG PROVINCE

Sample Name: silicone rubber

Model No.: ZY-HTV

Client Ref. Information: Please see attachments

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

SGS Job No.: SZP23-034457

Sample Receiving Date: Dec 29, 2023

Testing Period: Dec 29, 2023 ~ Jan 09, 2024

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
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	Pass

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

*Kelly Qu*

Kelly Qu  
Approved Signatory

scan to see the report



924388B9



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

**Test Result(s):**

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0177293-0001.C001	White translucent silicone rubber

Remarks:

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

**EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)**

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium(Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybromobiphenyl (PBBs)	1000	mg/kg	-	ND
Monobromobiphenyl (MonoBB)	-	mg/kg	5	ND
Dibromobiphenyl (DiBB)	-	mg/kg	5	ND
Tribromobiphenyl (TriBB)	-	mg/kg	5	ND
Tetrabromobiphenyl (TetraBB)	-	mg/kg	5	ND
Pentabromobiphenyl (PentaBB)	-	mg/kg	5	ND
Hexabromobiphenyl (HexaBB)	-	mg/kg	5	ND
Heptabromobiphenyl (HeptaBB)	-	mg/kg	5	ND
Octabromobiphenyl (OctaBB)	-	mg/kg	5	ND
Nonabromobiphenyl (NonaBB)	-	mg/kg	5	ND
Decabromobiphenyl (DecaBB)	-	mg/kg	5	ND
Polybromodiphenyl ether(PBDEs)	1000	mg/kg	-	ND
Monobromodiphenylether (MonoBDE)	-	mg/kg	5	ND
Dibromodiphenylether (DiBDE)	-	mg/kg	5	ND
Tribromodiphenylether (TriBDE)	-	mg/kg	5	ND
Tetrabromodiphenylether (TetraBDE)	-	mg/kg	5	ND
Pentabromodiphenylether (PentaBDE)	-	mg/kg	5	ND
Hexabromodiphenylether (HexaBDE)	-	mg/kg	5	ND
Heptabromodiphenylether (HeptaBDE)	-	mg/kg	5	ND
Octabromodiphenylether (OctaBDE)	-	mg/kg	5	ND
Nonabromodiphenylether (NonaBDE)	-	mg/kg	5	ND
Decabromodiphenylether (DecaBDE)	-	mg/kg	5	ND
Bis-(2-ethylhexyl) Phthalate(DEHP)	1000	mg/kg	50	ND
Butyl Benzyl Phthalate(BBP)	1000	mg/kg	50	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

# Test Report

No.: CANEC23017729317

Date: Jan 13, 2024

Page 3 of 10

Test Item(s)	Limit	Unit(s)	MDL	A1
Dibutyl Phthalate(DBP)	1000	mg/kg	50	ND
Diisobutyl Phthalate(DIBP)	1000	mg/kg	50	ND

**Notes:**

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

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

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
 中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
 t (86-20) 82155555 sgs.china@sgs.com

### Elements Testing Flow Chart

These samples were dissolved totally by pre-conditioning method according to below flow chart.



**Hexavalent Chromium (Cr(VI)) Testing Flow Chart**



### PBBs/PBDEs Testing Flow Chart



### Phthalates Testing Flow Chart



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

Attachment:

ZY-850 (805/810/820/830/840/860/870/880/890)  
 ZY-850W (805W/810W/820W/830W/840W/860W/870W/880W/890W)  
 ZY-850-N(805-N/810-N/820-N/830-N/840-N/860-N/870-N/880-N/890-N)  
 ZY-850-PT(820-PT/830-PT/840-PT/860-PT/870-PT/880-PT/890-PT)  
 ZY-850-U(810-U/820-U/830-U/840-U/860-U/870-U/880-U/890-U)  
 ZY-850-UPT(810-UPT/820-UPT/830-UPT/840-UPT/860-UPT/870-UPT/880-UPT/890-UPT)  
 ZY-850-YM(820-YM/830-YM/840-YM/860-YM/870-YM/880-YM/890-YM)  
 ZY-850-AJ(810-AJ/820-AJ/830-AJ/840-AJ/860-AJ/870-AJ/880-AJ/890-AJ)  
 ZY-850-ES(820-ES/830-ES/840-ES/860-ES/870-ES/880-ES/890-ES)  
 ZY-850-Q(820-Q/830-Q/840-Q/860-Q/870-Q/880-Q/890-Q)  
 ZY-850-DZY(820-DZY/830-DZY/840-DZY/860-DZY/870-DZY/880-DZY)  
 ZY-850JG(820JG/830JG/840JG/860JG/870JG/880JG/890JG)  
 ZY-850BD(820BD/830BD/840BD/860BD/870BD/880BD/890BD)  
 ZY-850-GHT(820-GHT/830-GHT/840-GHT/860-GHT/870-GHT/880-GHT/890-GHT)  
 ZY-850A (810A/820A/830A/840A/860A/870A/880A/890A)  
 ZY-850AW (810AW/820AW/830AW/840AW/860AW/870AW/880AW/890AW)  
 ZY-850A-N(830A-N/840A-N/860A-N/870A-N/880A-N/890A-N)  
 ZY-850A-PT (810A-PT/820A-PT/830A-PT/840A-PT/860A-PT/870A-PT/880A-PT/890A-PT)  
 ZY-850A-U(820A-U/830A-U/840A-U/860A-U/870A-U/880A-U/890A-U)  
 ZY-850A-UPT(820A-UPT/830A-UPT/840A-UPT/860A-UPT/870A-UPT/880A-UPT/890A-UPT)  
 ZY-5750 (5730/5740/5760/5770/5780)  
 ZY-9150(9105/9110/9120/9130/9140/9160/9170/9180/9190)  
 ZY-9350 (9310/9320/9330/9340/9360/9370/9380/9390)  
 ZY-9950(9910/9920/9930/9940/9960/9970/9980)  
 ZY-8150(8110/8120/8130/8140/8160/8170/8180/8190)  
 ZY-8152(8122/8132/8142/8162/8172/8182)  
 ZY-6650 (6630/6640/6660/6670/6680)  
 ZY-7150 (7120/7130/7140/7160/7170/7180/7190)  
 ZY-7151 (7121/7131/7141/7161/7171/7181/7191)  
 ZY-7450(7420/7430/7440/7460/7470/7480/7490)  
 ZY-7451(7421/7431/7441/7461/7471/7481/7491)  
 ZY-7650 (7620/7630/7640/7660/7670/7680/7690)  
 ZY-850P(820P/830P/840P/860P/870P/880P/890P)  
 ZY-7550C1(7520C1/7530C1/7540C1/7560C1/7570C1/7580C1)  
 ZY-7550C2(7520C2/7530C2/7540C2/7560C2/7570C2/7580C2)  
 ZY-7552C1/C2(7522C1/C2;7532C1/C2;7542C1/C2;7562C1/C2;7572C1/C2;7582C1/C2)  
 ZY-2151(2121/2131/2141/2161/2171/2181/2191)  
 ZY-2153(2123/2133/2143/2163/2173/2183/2193)  
 ZY-2150(2130/2140/2160/2170/2180)  
 ZY-7250 (7220/7230/7240/7260/7270/7280/7290)  
 ZY-7350(7320/7330/7340/7360/7370/7380/7390)  
 ZY-7350H(7330H/7340H/7350H/7360H/7370H/7380H/7390H)  
 ZY-7350HB(7330HB/7340HB/7350HB/7360HB/7370HB/7380HB/7390HB)  
 ZY-850J (810J/820J/830J/840J/860J/870J/880J/890J)  
 ZY-8750(8720/8730/8740/8760/8770/8780)  
 ZY-8751(8721/8731/8741/8761/8771/8781)  
 ZY-8750C1(8720C1/8730C1/8740C1/8760C1/8770C1/8780C1)  
 ZY-8750-VO(8730-VO/8740-VO/8760-VO/8770-VO/8780-VO)  
 ZY-8751-VO(8731-VO/8741-VO/8761-VO/8771-VO/8781-VO)  
 ZY-8750-5AV(8730-5AV/8740-5AV/8760-5AV/8770-5AV/8780-5AV)  
 ZY-7750(7720/7730/7740/7760/7770/7780/7790)



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)



## Test Report

No.: CANEC23017729317

Date: Jan 13, 2024

Page 9 of 10

ZY-850-JYZ(810-JYZ/820-JYZ/830-JYZ/840-JYZ/860-JYZ/870-JYZ/880-JYZ/890-JYZ)  
ZY-4450 (44050/4410/4420/4430/4440/4450/4460/4470/4480/4490 )  
ZY-4451 (44051/4411/4421/4431/4441/4461/4471/4481/4491)  
ZY-4452 (ZY-44052/4412/4422/4432/4442/4462/4472/4482/4492 )  
ZY-4453 (ZY-44053/4413/4423/4433/4443/4463/4473/4483/4493 )  
ZY-4452-SQ (4432-SQ/4442-SQ/4462-SQ/4472-SQ/4482-SQ )  
ZY-4452-JYZ (4432-JYZ/4442-JYZ/4462-JYZ/4472-JYZ/4482-JYZ )  
ZY-4452-FMJ; ZY-4452-KH Series  
ZY-LSR-2150A/B (2130/2140/2160/2170)  
ZY-LSR-2150C3A/B (2130C3/2140C3/2160C3/2170C3)  
ZY-LSR-2150C5A/B (2130C5/2140C5/2160C5/2170C5)  
ZY-LSR-2150A/B-Z (2130-Z/2140-Z/2160-Z/2170-Z)  
ZY-LSR-6050A/B (6010/6020/6030/6040/6060/6070/6080)  
ZY-LSR-6550A/B (6510/6520/6530/6540/6560/6570/6580)  
ZY-LSR-6350A/B (6310/6320/6330/6340/6360/6370/6380)  
ZY-LSR-5250A/B(5200/5210/5220/5230/5240/5250)  
ZY-LSR-5650A/B(5600/5610/5620/5630/5640/5660)  
HD-1351(1311/1321/1331/1341/1351/1361/1371/1381/1391)  
HD-2851(2811/2821/2831/2841/2851/2861/2871/2881/2891)  
HD-2851pt(2811pt/2821pt/2831pt/2841pt/2851pt/2861pt/2871pt/2881pt/2891pt)  
HD-3351(3311/3321/3331/3341/3351/3361/3371/3381/3391)  
HD-7851(7811/7821/7831/7841/7851/7861/7871/7881/7891)  
HD-7851pt(7811pt/7821pt/7831pt/7841pt/7851pt/7861pt/7871pt/7881pt/7891pt)  
HD-8650(8610/8620/8630/8640/8650/8660/8670/8680/8690)  
HD-8650pt(8610pt/8620pt/8630pt/8640pt/8650pt/8660pt/8670pt/8680pt/8690pt)  
HD-9150(9110/9120/9130/9140/9150/9160/9170/9180/9190)  
HD-9250(9210/9220/9230/9240/9250/9260/9270/9280/9290)  
HD-9650(9610/9620/9630/9640/9650/9660/9670/9680/9690)  
HD-9920  
HD-8752 (8732/8742/8752/8762/8772/8782/8792)  
HD-8752 (8732/8742/8752/8762/8772/8782/8792)  
HD-8752 (8732/8742/8752/8762/8772/8782/8792)  
HD-4452(4422/4432/4442/4452/4462/4472/4482/4492)  
HD-4451(4421/4431/4441/4451/4461/4471/4481/4491)  
HD-2150(2120/2130/2140/2150/2160/2170/2180/2190)



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
**Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## Test Report

No.: CANEC23017729317

Date: Jan 13, 2024

Page 10 of 10

Sample Photo:



SGS authenticate the photo on original report only  
\*\*\* End of Report \*\*\*



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

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.  
Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 [www.sgsgroup.com.cn](http://www.sgsgroup.com.cn)  
t (86-20) 82155555 [sgs.china@sgs.com](mailto:sgs.china@sgs.com)