

## Test Report

No. CANEC2227888623

Date: 03 Jan 2023

Page 1 of 7

Client Name : YUEQING CHANGDECHENG ELECTRONICS CO.,LTD

Client Address : NO 4.CHUANGXIN ROAD,YUE MERCHANT STARTUP HUB YUEQING WATERFRONT AREA  
YUEQING CITY ZHEJIANG PROVINCE.

Sample Name : PA66 porcelain white

Client Ref. Info. : SEE REMARK

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

SGS Job No. : CP22-068546 - GZ

Date of Sample Received : 27 Dec 2022

Testing Period : 27 Dec 2022 - 03 Jan 2023

Test Requested : Selected 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).

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

Jessie Li

Jessie Li  
Approved Signatory

scan to see the report



00BEE40F



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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 Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	CAN22-278886.002	White plastic

Remarks :

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

**Per- and polyfluoroalkyl substances (PFASs)**

Test Method : SGS In-house method (SGS-CCL-TOP-062-04 and SGS-CCL-TOP-062-06).

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>
Perfluorobutane Acid (PFBA)	375-22-4	mg/kg	0.010	ND
Perfluoropentane Acid (PFPA)	2706-90-3	mg/kg	0.010	ND
Perfluorohexane acid (PFHxA)	307-24-4	mg/kg	0.010	ND
Ammonium perfluorohexanoate (PFHxA-NH <sub>4</sub> ) *	21615-47-4	mg/kg	0.010	ND
7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8	mg/kg	0.010	ND
Perfluorobutane Sulfonate (PFBS)	375-73-5	mg/kg	0.010	ND
Perfluorobutanesulfonate K-salt (PFBS-K)*	29420-49-3	mg/kg	0.010	ND
Nonafluorobutanesulfonic Acid Hydrate (PFBS-H <sub>2</sub> O) *	59933-66-3	mg/kg	0.010	ND
Perfluoroheptane Acid (PFHpA)	375-85-9	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (H <sub>4</sub> PFOS 6:2)	27619-97-2	mg/kg	0.010	ND
Perfluorooctanoic acid (PFOA)	335-67-1	mg/kg	0.010	ND
Ammonium pentadecafluorooctanoate(APFO)*	3825-26-1	mg/kg	0.010	ND
Sodium perfluorooctanoate (PFOA-Na)*	335-95-5	mg/kg	0.010	ND
Potassium perfluorooctanoate (PFOA-K)*	2395-00-8	mg/kg	0.010	ND
Silver perfluorooctanoate (PFOA-Ag)*	335-93-3	mg/kg	0.010	ND
Perfluorooctanoyl fluoride (PFOA-F)*	335-66-0	mg/kg	0.010	ND
2H,2H-Perfluorodecane Acid (H <sub>2</sub> PFDA)	27854-31-5	mg/kg	0.010	ND
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (H <sub>2</sub> PFDA-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	882489-14-7	mg/kg	0.010	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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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. CANEC2227888623

Date: 03 Jan 2023

Page 3 of 7

Test Item(s)	CAS NO.	Unit	MDL	002
Perfluorohexane Sulfonate (PFHxS)	355-46-4	mg/kg	0.010	ND
Perfluorohexanesulfonate Na-salt (PFHxS-Na)*	82382-12-5	mg/kg	0.010	ND
Perfluorohexanesulfonate K-salt (PFHxS-K)*	3871-99-6	mg/kg	0.010	ND
Perfluorononane Acid (PFNA)	375-95-1	mg/kg	0.010	ND
Perfluorononanoate Na-Salt (PFNA-Na)*	21049-39-8	mg/kg	0.010	ND
Perfluorononanoate ammonium salt (APFN)*	4149-60-4	mg/kg	0.010	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	mg/kg	0.010	ND
Perfluoroheptane Sulfonate (PFHpS)	375-92-8	mg/kg	0.010	ND
Perfluoroheptanesulfonate Na-salt (PFHpS-Na)*	68555-66-8	mg/kg	0.010	ND
Potassium Perfluoroheptanesulfonate (PFHpS-K) *	60270-55-5	mg/kg	0.010	ND
Perfluorodecane Acid (PFDA)	335-76-2	mg/kg	0.010	ND
Perfluorodecanoate Na-salt(PFDA-Na)*	3830-45-3	mg/kg	0.010	ND
Perfluorodecanoate ammonium salt(APFDA)*	3108-42-7	mg/kg	0.010	ND
2H,2H,3H,3H-Perfluoroundecanoic acid (4HPFUa)	34598-33-9	mg/kg	0.010	ND
Perfluorooctane sulfonates (PFOS)	1763-23-1	mg/kg	0.010	ND
Perfluorooctane Sulfonamide (PFOSA)	754-91-6	mg/kg	0.010	ND
N-methylperfluoro-1-octanesulfonamide(N-MeFOSA)	31506-32-8	mg/kg	0.010	ND
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	mg/kg	0.010	ND
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol(N-MeFOSE)	24448-09-7	mg/kg	0.010	ND
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol(N-EtFOSE)	1691-99-2	mg/kg	0.010	ND
Perfluorooctane Sulfonyl fluoride(POSF)*	307-35-7	mg/kg	0.010	ND
Potassium Perfluorooctanesulfonate (PFOS-K)*	2795-39-3	mg/kg	0.010	ND
Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH <sub>4</sub> )*	29081-56-9	mg/kg	0.010	ND
N-decyl-N,N-dimethyldecan-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane-1-sulfonate (PFOS-DDA)*	251099-16-8	mg/kg	0.010	ND
Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH) <sub>2</sub> )*	70225-14-8	mg/kg	0.010	ND
Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)*	29457-72-5	mg/kg	0.010	ND
Perfluorooctanesulfonic acid,tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )*	56773-42-3	mg/kg	0.010	ND
Sodium Perfluorooctanesulfonate (PFOS-Na) *	4021-47-0	mg/kg	0.010	ND
Perfluoroundecanoic Acid (PFUdA)	2058-94-8	mg/kg	0.010	ND
Perfluorododecanoic Acid (PFDoA)	307-55-1	mg/kg	0.010	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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx>. 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. CANEC2227888623

Date: 03 Jan 2023

Page 4 of 7

Test Item(s)	CAS NO.	Unit	MDL	002
Perfluorodecane Sulfonate (PFDS)	335-77-3 / 126105-34-8	mg/kg	0.010	ND
Perfluorodecanesulfonate Na-salt (PFDS-Na)*	2806-15-7	mg/kg	0.010	ND
Perfluorodecanesulfonate K-salt (PFDS-K)*	2806-16-8	mg/kg	0.010	ND
Perfluoroaliphatic Dean-sulfonate salt of NH <sub>4</sub> (PFDS-NH <sub>4</sub> )*	67906-42-7	mg/kg	0.010	ND
Perfluorotridecanoic Acid (PFTra)	72629-94-8	mg/kg	0.010	ND
Perfluorotetradecanoic Acid (PFTeA)	376-06-7	mg/kg	0.010	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid	13252-13-6	mg/kg	0.010	ND
Ammonium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate *	62037-80-3	mg/kg	0.010	ND
Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate *	67118-55-2	mg/kg	0.010	ND
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	2062-98-8	mg/kg	0.010	ND
N-Methyl-N-(Perfluoro-1-octanesulfonyl) Glycine (N-MeFOSAA)	2355-31-9	mg/kg	0.010	ND
N-Ethyl-N-(Perfluoro-1-octanesulfonyl) Glycine (N-EtFOSAA)	2991-50-6	mg/kg	0.010	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate (8:2diPAP)	678-41-1	mg/kg	0.010	ND
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	mg/kg	0.010	ND
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	mg/kg	0.010	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	mg/kg	0.1	ND
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	mg/kg	0.1	ND
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	mg/kg	0.1	ND
Perfluoro-1-iodooctane (PFOI)	507-63-1	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	mg/kg	0.1	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMAC)	2144-53-8	mg/kg	0.1	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (PFSI)	101947-16-4	mg/kg	0.1	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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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)



Notes :

\* The test result is based on the calculation of selected marker(s) and to the worst-case scenario.

Remark: Results & photo(s) of this report refer to test report CANEC2227888619.

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.



REMARK :

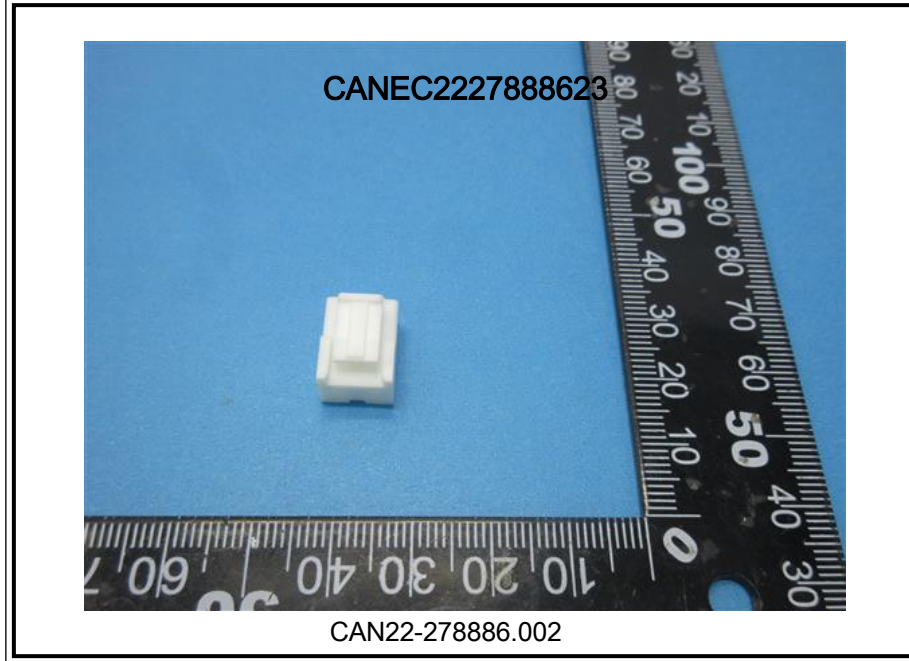
Used for HCX1.2 series sheath (C45003 series), HCX2.1 series sheath (C80001 series), HCX2.2 series sheath (C80001 series), HCX2.8 series sheath (H110P series), HCX4.8 series sheath (H187P series), HCX6.3 series sheath (H250P series), BX series (H600M series), DY series sheath, DR series sheath (H187P H250P), DK series sheath (H250P), DF series sheath (H187P), KF series sheath (H250P), OS series sheath, OF series sheath (H187P H250P), PF series sheath (H187P), SCS series sheath (C58001 series), straight series sheath, flag series sheath, single hole series sheath, multi hole series sheath, row plug series sheath, various needle base sheaths, crimping cap series sheath, fuse tube series, fuse box series, three hole series, wire buckle series, special-shaped series sheath, 17 series sheath (C39602 series), 31 series sheath (C39602 series), 35 series sheath (C35001 series), 39 series sheath (C39603 series), 42 series sheath (C63501 series), 43 series sheath (C75001 series), 50 series sheath, 51 series sheath, 55 series sheath, 917/316 series sheath (C25002 series), 92 series sheath, A series sheath, C series sheath, EL series sheath (C45001 series), HL (SL) series sheath (C39603 series), JC series sheath (C25006 series), MG series sheath (C60001 series), MS series sheath, MP series sheath, N series sheath, PH series sheath (C20006 series), PMS series sheath (C20002 series), RV series sheath (C42002 series), RM series sheath, SM series sheath (C25007 series), SAN series sheath, SCN series sheath, SDL series sheath (C25002 series), SDN series sheath (C39606 series), SA series sheath, SV40 series sheath (C42002 series), TJ series sheath (C25009 series), VH series sheath (C39604 series), VHS series sheath (C39604 series), VHB series sheath (C39604 series), VHC series sheath, VHD series sheath (C39604 series), VL series sheath (C62002 series), XAD series sheath (C25008 series), XH series sheath (C25009 series), XHS series sheath (C25009 series), YL series sheath (C45002 series), DJ series sheath, HC series sheath (C40001 series), T15 series, PA series (C20002 series), PNI series (C20003 series), 5023/5600 series (C20007 series), 13764 series (C25001 series), 35155/35184 series (C25003 series), 526 series (C25004 series), EH series (C25005 series), XA series (C25008 series), XM series (C25008 series), 1969/2323 series (C25012 series), 35156 series (C39601 series), SL series (C39603 series), 1744 series (C39604 series), 5557/5559 series (C42001 series), JRV42 series (C42003 series), 1376 series (C50001 series), 6.3 series (C50003 series), 5051 series (C20008 series), 430 series (C30001 series), C25013 series, C35002 series, C65001 series, L6.2 series (C62001 series), ZND series (C15001 series), GH series (C12501 series), SX003 series (C25011 series), XMA series (C25014 series), SMH series (C25018 series), K47 series (C25019 series), C25020 series, C33301 series, TJC6 (C39605 series), C50004 series, C50005 series, NVR series (C50006 series), C15241 series



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 <http://www.sgs.com/en/Terms-and-Conditions.aspx> and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx>. 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)

Sample photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

