

EU Declaration of Conformity

Manufacturer: Hunan EEXI Technology & Service Co., Ltd.
Address: No.6, North of Pingtou road, Liuyang Hi-Tech industrial development zone, Hunan, China

declares that the new PPE described hereafter

Product name	Particle filtering half mask
Model	YX152, YX153
Standard	EN 149 : 2001+A1 : 2009
Classification	FFP2 NR

is in conformity with the Regulation (EU) 2016/425 and with harmonized standard EN 149:2001 + A1:2009

performed the EU type-examination (Module B) and issued the EU type-examination certificate

FI20/966321

performed the EU type-examination (Module D) and issued the EU type-examination certificate

CN21/42014

Notified Body information

Module B	Module D
SGS Fimko Oy Takomotie 8, FI-00380 Helsinki, Finland Notified Body No. 0598	SGS Fimko Oy Takomotie 8, FI-00380 Helsinki, Finland Notified Body No. 0598

Signed for on behalf of Company

Name: Robin Liu

Position: CEO & Owner

Date: 2021-01-18

Signature:

Robin Liu



EU-Konformitätserklärung

Hersteller: Hunan EEXI Technology & Service Co., Ltd.
Adresse: Nr. 6, North of Pingtou road, Liuyang Hi-Tech industrial development zone, Hunan, China

erklärt, daß die im Folgenden beschriebene neue PPE

Produktname	Partikelfiltrierende Halbmaske
Modell	YX152, YX153
Norm	EN 149 : 2001+A1 : 2009
Klassifizierung	FFP2 NR

mit der Verordnung (EU) 2016/425 und mit der harmonisierten Norm konform ist
EN 149:2001 + A1:2009

führte die EU-Baumusterprüfung (Modul B) durch und erteilte die EU
Baumusterprüfbescheinigung

FI20/966321

führte die Überwachung der Konformität mit dem Baumuster auf der Grundlage
einer internen Fertigungskontrolle mit überwachten Produktprüfungen in
unregelmäßigen Abständen (Modul D) durch und erteilte die Bescheinigung

CN21/42014

Informationen zur Benannten Stelle

Modul B	Modul D
SGS Fimko Oy Takomotie 8, FI-00380 Helsinki, Finland Notified Body No. 0598	SGS Fimko Oy Takomotie 8, FI-00380 Helsinki, Finland Notified Body No. 0598

Unterzeichnet im Namen des Unternehmens

Name: Robin Liu

Position: Geschäftsführer & Eigentümer

Datum: 2021-01-18

Unterschrift:



Déclaration de conformité CE

La déclaration de conformité est émise sous la seule responsabilité du fabricant

Fabricant

Nom de l'entreprise: Hunan EEXI Technology & Service Co.,Ltd.

Adresse: No.6, North of pingtou road, Liuyang Hitech Industrial Development Zone, Hunan

Pays: Chine

Marque : Eexilherent

Photo de la marque : 

Produit

Nom: DEMI-MASQUE FILTRANT LES PARTICULES FFP2 NR

REF: YX152

Classe: FFP2 NR

Lot No : 20201216

Nous déclarons, par la présente, que le produit mentionné cidessus, auquel fait référence cette déclaration de conformité, est conforme aux exigences essentielles de la législation suivante :

Règlement UE2016/425 Équipement de protection individuelle catégorie III et à la norme harmonisée EN 149 : 2001 + A1 : 2009

Informations de l'organisme notifié

EU type- examination Model B	EU type- examination Model D
SGS Fimko OY Takomotie 8, FI-00380 Helsinki, Finland Numéro de l'organisme notifié: 0598 Numéro du Certificat: FI20/966321	SGS Fimko OY Takomotie 8, FI-00380 Helsinki, Finland Numéro de l'organisme notifié : 0598 Numéro du Certificat : CN21/42014

Le cas échéant, l'organisme notifié SGS FIMKO OY, 0598 a effectué l'examen UE de type (module B) et a établi l'attestation d'examen UE de type FI20/966321.

Le cas échéant, l'EPI est soumis à la procédure d'évaluation de la conformité au type sur la base de l'assurance de la qualité du mode de production (Module D) sous la surveillance de l'organisme notifié SGS Fimko OY, 0598.

Signature & Cachet:



Date: 2021-01-08

Nom: Robin Liu

Poste: CEO

Hunan EEXI Technology & Service Co., Ltd

No.6 North of Xinyu Road,
Liyang Hi-Tech Industrial Development Zone,
Hunan,
China

1000, MOJIE Road, Xiangyang City, Henan Province, China
446000, Xiangyang City, Henan Province, China

Regulation (EU) 2016/425 Module B, EII type-examination

Valid from 10th January 2017 until 10 February 2025
3rd Certificate since 6 August 2020

Authorised by

FINAS
FINAS Accreditation Service
5000 (EN ISO/IEC 17065)

SGS FINING BY, Modified Body 0590
Tribunus 3, 11, 20, 110, 115, 116, 117, 118
12000, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

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1000, MOJIE Road, Xiangyang City, Henan Province, China
446000, Xiangyang City, Henan Province, China



Hunan EEXI Technology & Service Co., Ltd

Regulation (EU) 2016/425 Module B, EU type-examination

Issue 3

Not valid

a) Essential (type) YX152 particle filtering half mask consisting of a filter layer (polypropylene) of accessible total mass, with nose clip and polyester ear loops with polypropylene hook, available in seven colour ways: Black, Blue, Green, Grey, Pink, Red or White.

b) Essential (type) YX162 particle filtering half mask consisting of a filter layer (polypropylene) disposable face mask with polypropylene filter, nose clip and polyester ear loops with polypropylene hook, available in seven colour ways: Black, Blue, Green, Grey, Pink, Red or White.

This certificate has been issued in accordance with the above mentioned EN 149:2001 and EN 149:2001+A1:2008 (4) respiratory protection devices - Filtering half masks to protect against acid dusts) device classification of FFP2 NR.

The following have been applied:

EN 149:2001+A1:2008 (4) respiratory protection devices - Filtering half masks to protect against acid dusts) device classification of FFP2 NR.

This certificate is issued on the basis of initial and/or periodic checks of manufacturing (MPL) as defined in Article 19 (1) of the Regulation and implemented in accordance with the most recent production.

Certificate is based on technical file reference:

YX152/A162 - Rev 2 - dated 2021-07-22.

SGS Reference Number: UR0245247045.

This certificate is valid up to 01/08/2024, unless an earlier date is provided.



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Certificate CN2142014

The management system of

Hunan EEXI Technology & Service Co., Ltd.

No.6, North of Pingou Road, Luyang Hi-Tech Industrial Development Zone, Hunan, 410300, P.R. China

has been assessed and certified as meeting the requirements of

Regulation (EU) 2016/425 Module D

For the following activities

Manufacture of the FFP2 Protective Respirators
(Note: all products marked CE0598 must have a valid EU Type Examination Certificate issued under Module B or a valid EC type-examination certificate issued under Article 10 of the PPE Directive 89/686/EEC.)

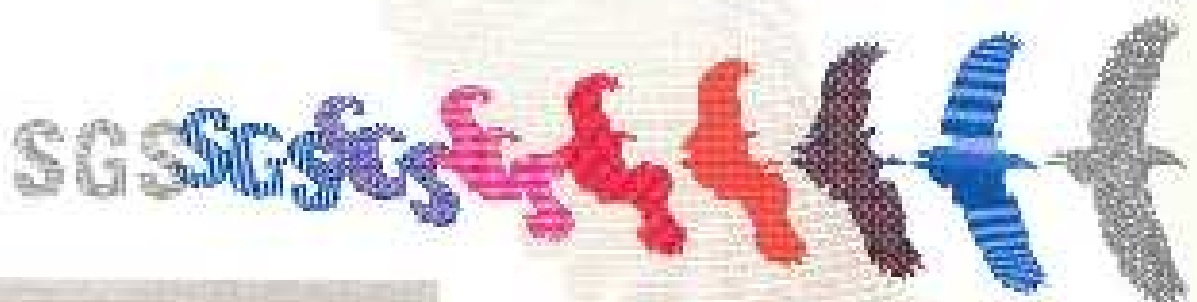
This certificate is valid from 5 January 2021 until 4 January 2024
and remains valid subject to satisfactory surveillance audits.
Re-certification audit due before 29 November 2023
Issue 1. Certified since 5 January 2021

Authorised by

SGS FINKO OY, Notified Body 0598

Tornavalonkatu 1, FIN-00560 Helsinki, Finland
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Finland Accreditation Service
5001 (EN ISO/IEC 17065)





中国认可
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检测
TESTING
CNAS-IL0167

Test Report

SL92019313893701FW

Date: January 19, 2021

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HUNAN EEXI TECHNOLOGY&SERVICE CO.,LTD
NO.6, NORTH OF PINGTOU ROAD, LIUYANG HI-TECH INDUSTRIAL DEVELOPMENT ZONE, HUNAN,China

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Particle filtering half mask

Color : (A)BLACK; (B)RED; (C)PINK; (D)GREEN; (E)BLUE; (F)GRAY

Composition : (A)Non-woven fabric, meltblown cloth, nose clip, headharness

Style No. : YX152

Manufacture : HUNAN EEXI TECHNOLOGY&SERVICE CO.,LTD

Country of Destination : Europe

Sample Receiving Date : Jan 15, 2021

Testing Period : Jan 15, 2021 - Jan 19, 2021

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Overall Conclusion: See Results



本報告是根據客戶的要求，在實驗室條件下，對送檢樣品進行測試，並根據測試結果，按照相關標準的要求，對樣品進行判定。本報告僅對送檢樣品的測試結果負責，不承擔其他任何責任。本報告的有效期為一年，如客戶需要，可申請複檢。本報告的版權歸SGS所有，未經SGS許可，不得複製、傳播或用於其他目的。SGS是瑞士商標，其他商標均歸其所有。SGS Testing Services (China) Co., Ltd. is a member of the SGS Group (SGS S.A.).

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中国认可
国际互认
检测
TESTING
CNAS-LE167

Test Report

SL92019313893701FW

Date: January 19, 2021

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Conclusion
pH Value
Azo Dyes

See Results
See Results

Remark

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

Hanson Chen (Approved Signatory)



此报告是依据现行有效的标准或方法，由具备资质的检测人员使用符合规定的检测方法，在符合规定的实验室条件下，对送检样品进行检测并出具。本报告的检测项目和检测数据仅供参考，不作为法律依据。如有争议，请向本实验室或相关主管部门咨询。本实验室的检测数据仅供参考，不作为法律依据。如有争议，请向本实验室或相关主管部门咨询。

地址: 中国广东省广州市天河区... 电话: 86-20-82233333... 网址: www.sgscstc.com.cn

Sample Photo



本報告是根據客戶的要求，在現場採集樣品，並按照客戶提供的檢測方法進行檢測。本報告僅對送檢樣品的檢測結果負責，不承擔對其他事項的責任。本報告僅對送檢樣品的檢測結果負責，不承擔對其他事項的責任。本報告僅對送檢樣品的檢測結果負責，不承擔對其他事項的責任。

地址：中國廣東省佛山市順德區均安鎮均安路100號 電話：+86-757-86322221 +86-20-82707100 傳真：+86-20-82707101
E-MAIL: HQ@SGS.COM 廣州辦事處：E-MAIL: HQ@SGS.COM 廣州辦事處：E-MAIL: HQ@SGS.COM





中国认可
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检测
TESTING
CNAS-LL167

Test Report

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COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Material	Color	Remark
A	1	Outer non woven fabric	Synthetic Fibers	Black	
A	7	Flat band	Synthetic Fibers	Black	B,C,D,E,F material type same as A
B	2	Outer non woven fabric	Synthetic Fibers	Red	
C	3	Outer non woven fabric	Synthetic Fibers	Pink	
D	4	Outer non woven fabric	Synthetic Fibers	Green	
E	5	Outer non woven fabric	Synthetic Fibers	Blue	
F	6	Outer non woven fabric	Synthetic Fibers	Gray	



本報告是根據客戶提供的樣品，按照相關標準進行檢測，並根據檢測結果出具報告。報告中的數據僅對送檢樣品負責，不保證對其他樣品或未來生產的產品有效。報告中的數據僅供參考，不作為法律依據。報告中的數據僅供參考，不作為法律依據。報告中的數據僅供參考，不作為法律依據。

Address: [Address] Tel: [Phone Number] Fax: [Phone Number] E-mail: [Email Address]

Test Result

pH Value

(ISO 3071:2020; 0.1mol/L KCL extraction)

	Unit	1	7	2	Requirement
pH Value	-	6.7	6.8	6.5	-
	Unit	3	4	5	Requirement
pH Value	-	6.7	6.6	6.8	-
	Unit	6	Requirement		
pH Value	-	6.4	-		

Note:

- 1) pH value of extraction medium: 5.0 - 7.5
- 2) Temperature of the extraction solution: 22°C



本检测报告的有效性依赖于被检测方所提供的检测样品和检测条件的真实性、准确性和完整性。被检测方应对检测样品的代表性、检测条件的符合性、检测结果的准确性负责。本检测报告的有效性依赖于被检测方所提供的检测样品和检测条件的真实性、准确性和完整性。被检测方应对检测样品的代表性、检测条件的符合性、检测结果的准确性负责。本检测报告的有效性依赖于被检测方所提供的检测样品和检测条件的真实性、准确性和完整性。被检测方应对检测样品的代表性、检测条件的符合性、检测结果的准确性负责。

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中国认可
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检测
TESTING
CNAS-LL057

Azo Dyes(Direct reduction approach)

Test Method : According to EN ISO 14362-1:2017, analysis was performed by GC-MS/ HPLC-DAD.
 Determination of 4-aminoazobenzene (CAS No.:60-09-3) – EN ISO 14362-3:2017, analysis was performed by GC-MS/ HPLC-DAD.

<u>Test Item(s)</u>	<u>CAS NO.</u>	1+2+3	4+5+6	7
4-Aminobiphenyl	92-67-1	ND	ND	ND
Benzidine	92-87-5	ND	ND	ND
4-chloro-o-toluidine	95-69-2	ND	ND	ND
2-naphthylamine	91-59-8	ND	ND	ND
o-aminoazotoluene	97-56-3	ND	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND	ND	ND
4-chloroaniline	106-47-8	ND	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	ND	ND	ND
4,4'-diaminodiphenylmethane, MDA	101-77-9	ND	ND	ND
3,3'-dichlorobenzidine	91-94-1	ND	ND	ND
3,3'-dimethoxybenzidine	119-90-4	ND	ND	ND
3,3'-dimethylbenzidine	119-93-7	ND	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-diaminodiphenylmethane	838-88-0	ND	ND	ND
p-cresidine	120-71-8	ND	ND	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	ND	ND	ND
4,4'-oxydianiline	101-80-4	ND	ND	ND
4,4'-thiodianiline	139-65-1	ND	ND	ND
o-toluidine	95-53-4	ND	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine, TDA	95-80-7	ND	ND	ND
2,4,5-trimethylaniline	137-17-7	ND	ND	ND
4-aminoazobenzene	60-09-3	ND	ND	ND
O-Anisidine	90-04-0	ND	ND	ND



本報告是根據客戶的要求，由本公司實驗室於2021年1月19日對送樣品進行檢測。本報告僅供參考，不能作為法律依據。如客戶有疑問，請與本公司聯繫。本公司保留對測試結果的解釋權。本報告的有效性取決於客戶提供的樣品信息的準確性。本報告僅適用於本公司實驗室。本報告的有效性取決於客戶提供的樣品信息的準確性。本報告僅適用於本公司實驗室。本報告的有效性取決於客戶提供的樣品信息的準確性。

Notes :

RL (Reporting limit): 5 mg/kg (for individual compound)

ND = Not Detected(< RL)

1. Direct reduction (Method A) refers to the extraction and reduction according to ISO 14362-1:2017 clause 10.2 and relevant clauses. Colorant extraction (Method B) refers to the colourant extraction and subsequent reduction according to ISO 14362-1:2017 Clause 10.1 and relevant clauses.
2. 4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.
3. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
4. ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.



SGS is a leading provider of inspection, testing, certification and consulting services worldwide. We are committed to helping our clients improve their products and processes, and to ensuring the highest quality and safety standards are met. Our services are recognized and trusted by governments, industry and consumers around the world.

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For more information, please contact your local SGS office or visit our website at www.sgs.com.

Azo Dyes(Colorant extraction approach)

Test Method : According to EN ISO 14362-1:2017, analysis was performed by GC-MS/ HPLC-DAD.
Determination of 4-aminoazobenzene (CAS No.:60-09-3) – EN ISO 14362-3:2017, analysis was performed by GC-MS/ HPLC-DAD.

<u>Test Item(s)</u>	<u>CAS NO.</u>	1+2+3	4+5+6	7
4-Aminobiphenyl	92-67-1	ND	ND	ND
Benzidine	92-87-5	ND	ND	ND
4-chloro-o-toluidine	95-69-2	ND	ND	ND
2-naphthylamine	91-59-8	ND	ND	ND
o-aminoazotoluene	97-56-3	ND	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND	ND	ND
4-chloroaniline	106-47-8	ND	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	ND	ND	ND
4,4'-diaminodiphenylmethane, MDA	101-77-9	ND	ND	ND
3,3'-dichlorobenzidine	91-94-1	ND	ND	ND
3,3'-dimethoxybenzidine	119-90-4	ND	ND	ND
3,3'-dimethylbenzidine	119-93-7	ND	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-di aminodiphenylmethane	838-88-0	ND	ND	ND
p-cresidine	120-71-8	ND	ND	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	ND	ND	ND
4,4'-oxydianiline	101-80-4	ND	ND	ND
4,4'-thiodianiline	139-65-1	ND	ND	ND
o-toluidine	95-53-4	ND	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine, TDA	95-80-7	ND	ND	ND
2,4,5-trimethylaniline	137-17-7	ND	ND	ND
4-aminoazobenzene	60-09-3	ND	ND	ND
O-Anisidine	90-04-0	ND	ND	ND



此报告是依据客户要求，由本实验室出具的，仅供客户参考。本实验室对检测结果的准确性负责，但不对其使用或解释负责。本实验室的检测方法符合国家标准、行业标准、国际标准、客户要求等。本实验室的检测人员均经过专业培训，持有相关资质证书。本实验室的检测设备均经过校准，符合相关要求。本实验室的检测环境符合相关要求。本实验室的检测报告仅供参考，不作为法律依据。如有疑问，请及时联系本实验室。本实验室的地址：中国广东省广州市天河区珠江新城华夏路10号。本实验室的联系电话：020-85571000。本实验室的官方网站：www.sgs.com.cn。

Notes :

RL (Reporting limit): 5 mg/kg (for individual compound)

ND = Not Detected (< RL)

1. Direct reduction (Method A) refers to the extraction and reduction according to ISO 14362-1:2017 clause 10.2 and relevant clauses. Colorant extraction (Method B) refers to the colourant extraction and subsequent reduction according to ISO 14362-1:2017 Clause 10.1 and relevant clauses.
2. 4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.
3. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
4. ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.

The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



本報告僅供客戶參考，不作為法律依據。如有任何疑問，請與本實驗室聯繫。本實驗室對本報告的內容負責，但不對客戶提供的樣品負責。本實驗室不承擔因客戶提供不準確的樣品或數據而導致的任何損失。本實驗室不承擔因客戶提供不準確的樣品或數據而導致的任何損失。本實驗室不承擔因客戶提供不準確的樣品或數據而導致的任何損失。

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中国认可
国际互认
检测
TESTING
CNAS-IL0167

Test Report

SL92019313893701FW

Date: January 19, 2021

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HUNAN EEXI TECHNOLOGY&SERVICE CO.,LTD
NO.6, NORTH OF PINGTOU ROAD, LIUYANG HI-TECH INDUSTRIAL DEVELOPMENT ZONE, HUNAN,China

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Description : Particle filtering half mask

Color : (A)BLACK; (B)RED; (C)PINK; (D)GREEN; (E)BLUE; (F)GRAY

Composition : (A)Non-woven fabric, meltblown cloth, nose clip, headharness

Style No. : YX152

Manufacture : HUNAN EEXI TECHNOLOGY&SERVICE CO.,LTD

Country of Destination : Europe

Sample Receiving Date : Jan 15, 2021

Testing Period : Jan 15, 2021 - Jan 19, 2021

Test Result(s) : Unless otherwise stated the results shown in this test report refer only to the sample(s) tested, for further details, please refer to the following page(s).

Test Performed : Selected test(s) as requested by applicant

Overall Conclusion: See Results



此报告是依据SGS标准方法，在规定的条件下，对送检样品进行检测，检测结果仅供参考，不作为法律依据。如有异议，请在收到报告之日起15个工作日内提出。本报告的有效期为12个月。如有变更，请及时通知本实验室。本实验室的检测项目符合ISO 9001:2015质量管理体系的要求。本实验室的检测项目符合ISO 17025:2017检测实验室能力的要求。本实验室的检测项目符合CNAS-IL0167认证的要求。本实验室的检测项目符合IAC-MLA认证的要求。本实验室的检测项目符合CNAS-IL0167认证的要求。本实验室的检测项目符合IAC-MLA认证的要求。

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中国认可
国际互认
检测
TESTING
CNAS-LE167

Test Report

SL92019313893701FW

Date: January 19, 2021

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Conclusion
pH Value
Azo Dyes

See Results
See Results

Remark

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

Hanson Chen (Approved Signatory)



SGS 检测认证集团（中国）有限公司（以下简称“SGS 集团”）是经国家质量监督检验检疫总局（以下简称“国家质检总局”）批准，由瑞士 SGS 集团、中国合格评定国家认可委员会（以下简称“国家认监委”）批准，在中国境内设立的具有独立法人资格的检验检测机构。SGS 集团是全球公认的第三方检测机构，拥有完善的质量管理体系和先进的检测技术。SGS 集团在中国境内设有多个分支机构，为客户提供全方位、一站式的检测认证服务。SGS 集团秉承“公正、准确、快速、服务”的宗旨，为客户提供优质的检测认证服务。SGS 集团是中国合格评定国家认可委员会（CNAS）的会员，也是国际认可论坛（IAF）的成员。SGS 集团拥有 ISO 9001、ISO 17025、ISO 14001 等多项国际认证。SGS 集团拥有完善的质量管理体系和先进的检测技术，为客户提供全方位、一站式的检测认证服务。SGS 集团秉承“公正、准确、快速、服务”的宗旨，为客户提供优质的检测认证服务。SGS 集团是中国合格评定国家认可委员会（CNAS）的会员，也是国际认可论坛（IAF）的成员。SGS 集团拥有 ISO 9001、ISO 17025、ISO 14001 等多项国际认证。

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Sample Photo



Societe Generale de Surveillance S.A.
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本報告是根據客戶的要求，在實驗室環境下，對送樣品進行測試，並提供測試結果。本報告僅供參考，不作為法律依據。本報告的有效期為一年。本報告的版權歸SGS所有。未經SGS許可，不得複製、傳播或公開。本報告的測試方法符合ISO 9001:2015標準。本報告的測試結果僅對送樣品負責。本報告的測試結果可能受到環境、設備、人員等因素的影響。本報告的測試結果僅供客戶參考。本報告的測試結果可能與實際情況存在差異。本報告的測試結果僅供客戶參考。本報告的測試結果可能與實際情況存在差異。本報告的測試結果僅供客戶參考。本報告的測試結果可能與實際情況存在差異。

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COMPONENT LIST / List of Materials

Sample No.	Component No.	Description	Material	Color	Remark
A	1	Outer non woven fabric	Synthetic Fibers	Black	
A	7	Flat band	Synthetic Fibers	Black	B,C,D,E,F material type same as A
B	2	Outer non woven fabric	Synthetic Fibers	Red	
C	3	Outer non woven fabric	Synthetic Fibers	Pink	
D	4	Outer non woven fabric	Synthetic Fibers	Green	
E	5	Outer non woven fabric	Synthetic Fibers	Blue	
F	6	Outer non woven fabric	Synthetic Fibers	Gray	



本報告書係根據客戶之委託，由SGS Testing Services (China) Co., Ltd. 之實驗室，依照下列之標準及方法，對送檢之樣品進行檢驗，並出具此報告書。本報告書之內容僅限於送檢之樣品，且僅供客戶參考之用。本報告書之內容不得作為任何法律訴訟之證據。本報告書之內容僅供客戶參考之用。本報告書之內容不得作為任何法律訴訟之證據。本報告書之內容僅供客戶參考之用。本報告書之內容不得作為任何法律訴訟之證據。

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 100-000 100-000 100-000 100-000

Test Result

pH Value

(ISO 3071:2020; 0.1mol/L KCL extraction)

	Unit	1	7	2	Requirement
pH Value	-	6.7	6.8	6.5	-
	Unit	3	4	5	Requirement
pH Value	-	6.7	6.6	6.8	-
	Unit	6	Requirement		
pH Value	-	6.4	-		

Note:

- 1) pH value of extraction medium: 5.0 - 7.5
- 2) Temperature of the extraction solution: 22°C



本報告係根據客戶提供之樣品及檢驗方法所製成，其檢驗結果僅供參考，不具法律責任。如有任何疑問，請洽本公司業務部。本公司之檢驗結果僅供客戶參考，不具法律責任。如有任何疑問，請洽本公司業務部。本公司之檢驗結果僅供客戶參考，不具法律責任。如有任何疑問，請洽本公司業務部。

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 中國檢驗認證集團有限公司 (上海分公司) | 100-000 800000 | 100-000 800000 | www.sgs.com.cn

Azo Dyes(Direct reduction approach)

Test Method : According to EN ISO 14362-1:2017, analysis was performed by GC-MS/ HPLC-DAD.
Determination of 4-aminoazobenzene (CAS No.:60-09-3) – EN ISO 14362-3:2017, analysis was performed by GC-MS/ HPLC-DAD.

<u>Test Item(s)</u>	<u>CAS NO.</u>	1+2+3	4+5+6	7
4-Aminobiphenyl	92-67-1	ND	ND	ND
Benzidine	92-87-5	ND	ND	ND
4-chloro-o-toluidine	95-69-2	ND	ND	ND
2-naphthylamine	91-59-8	ND	ND	ND
o-aminoazotoluene	97-56-3	ND	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND	ND	ND
4-chloroaniline	106-47-8	ND	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	ND	ND	ND
4,4'-diaminodiphenylmethane, MDA	101-77-9	ND	ND	ND
3,3'-dichlorobenzidine	91-94-1	ND	ND	ND
3,3'-dimethoxybenzidine	119-90-4	ND	ND	ND
3,3'-dimethylbenzidine	119-93-7	ND	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-di aminodiphenylmethane	838-88-0	ND	ND	ND
p-cresidine	120-71-8	ND	ND	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	ND	ND	ND
4,4'-oxydianiline	101-80-4	ND	ND	ND
4,4'-thiodianiline	139-65-1	ND	ND	ND
o-toluidine	95-53-4	ND	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluylenediamine, TDA	95-80-7	ND	ND	ND
2,4,5-trimethylaniline	137-17-7	ND	ND	ND
4-aminoazobenzene	60-09-3	ND	ND	ND
O-Anisidine	90-04-0	ND	ND	ND



Small text block containing technical details, likely a laboratory seal or certification information, including various codes and dates.

Notes :

RL (Reporting limit): 5 mg/kg (for individual compound)

ND = Not Detected(< RL)

1. Direct reduction (Method A) refers to the extraction and reduction according to ISO 14362-1:2017 clause 10.2 and relevant clauses. Colorant extraction (Method B) refers to the colourant extraction and subsequent reduction according to ISO 14362-1:2017 Clause 10.1 and relevant clauses.
2. 4-Aminodiphenyl (CAS No. 92-67-1), 2-Naphthylamine (CAS No. 91-59-8) and 2,4-Diaminoanisole (CAS No. 615-05-4) can be indirectly generated from some colorants which do not contain these amines azo bound. The use of banned azo colorants cannot be reliably ascertained without additional information.
3. In case PU is used, e.g. PU Foams or coatings, it cannot be ruled out that MDA (CAS No. 101-77-9) and TDA (CAS No. 95-80-7) can be released from PU material, not from banned azo colorant. Similarly, for pigment prints, MDA will be released from a chemical fixing agent.
4. ISO 14362-1:2017 will enable further cleavage of 4-AAB (CAS No. 60-09-3) to non-forbidden amines: aniline and p-phenylenediamine. If aniline and/or p-phenylenediamine is not found, 4-AAB is considered as "ND" (i.e. <5.0 mg/kg). Otherwise, ISO 14362-3:2017 will be employed to verify the presence of 4-AAB.



本報告係根據客戶提供之樣品，依照ISO 14362-1:2017之規定，進行檢測。報告中所有數據均為實驗室所得之結果，並非對樣品之品質或性能之保證。客戶應自行負責提供正確之樣品資訊及檢測方法。本報告僅供參考，不作為法律依據。如有任何疑問，請洽本公司業務部。

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Azo Dyes(Colorant extraction approach)

Test Method : According to EN ISO 14362-1:2017, analysis was performed by GC-MS/ HPLC-DAD.
Determination of 4-aminoazobenzene (CAS No.:60-09-3) – EN ISO 14362-3:2017, analysis was performed by GC-MS/ HPLC-DAD.

<u>Test Item(s)</u>	<u>CAS NO.</u>	1+2+3	4+5+6	7
4-Aminobiphenyl	92-67-1	ND	ND	ND
Benzidine	92-87-5	ND	ND	ND
4-chloro-o-toluidine	95-69-2	ND	ND	ND
2-naphthylamine	91-59-8	ND	ND	ND
o-aminoazotoluene	97-56-3	ND	ND	ND
5-nitro-o-toluidine / 2-Amino-4-nitrotoluene	99-55-8	ND	ND	ND
4-chloroaniline	106-47-8	ND	ND	ND
4-methoxy-m-phenylenediamine / 2,4-Diaminoanisole	615-05-4	ND	ND	ND
4,4'-diaminodiphenylmethane, MDA	101-77-9	ND	ND	ND
3,3'-dichlorobenzidine	91-94-1	ND	ND	ND
3,3'-dimethoxybenzidine	119-90-4	ND	ND	ND
3,3'-dimethylbenzidine	119-93-7	ND	ND	ND
4,4'-methylenedi-o-toluidine/3,3'-Dimethyl-4,4'-di aminodiphenylmethane	838-88-0	ND	ND	ND
p-cresidine	120-71-8	ND	ND	ND
4,4'-methylene-bis-(2-chloroaniline)	101-14-4	ND	ND	ND
4,4'-oxydianiline	101-80-4	ND	ND	ND
4,4'-thiodianiline	139-65-1	ND	ND	ND
o-toluidine	95-53-4	ND	ND	ND
4-methyl-m-phenylenediamine / 2,4-Toluyldiamine, TDA	95-80-7	ND	ND	ND
2,4,5-trimethylaniline	137-17-7	ND	ND	ND
4-aminoazobenzene	60-09-3	ND	ND	ND
O-Anisidine	90-04-0	ND	ND	ND



此报告是依据客户要求，由本实验室出具的，仅供客户参考。本实验室对检测结果的准确性负责，但不对其使用或解释负责。本实验室的检测方法符合国家标准、行业标准、国际标准、客户要求等。本实验室的检测人员均经过专业培训，持有相关资质证书。本实验室的检测设备均经过校准，符合相关要求。本实验室的检测环境符合相关要求。本实验室的检测报告仅供参考，不作为法律依据。如有需要，请咨询本实验室。

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 电话：0755-27000000 27000001 27000002 27000003 27000004 27000005 27000006 27000007 27000008 27000009 27000010 27000011 27000012 27000013 27000014 27000015 27000016 27000017 27000018 27000019 27000020 27000021 27000022 27000023 27000024 27000025 27000026 27000027 27000028 27000029 27000030 27000031 27000032 27000033 27000034 27000035 27000036 27000037 27000038 27000039 27000040 27000041 27000042 27000043 27000044 27000045 27000046 27000047 27000048 27000049 27000050 27000051 27000052 27000053 27000054 27000055 27000056 27000057 27000058 27000059 27000060 27000061 27000062 27000063 27000064 27000065 27000066 27000067 27000068 27000069 27000070 27000071 27000072 27000073 27000074 27000075 27000076 27000077 27000078 27000079 27000080 27000081 27000082 27000083 27000084 27000085 27000086 27000087 27000088 27000089 27000090 27000091 27000092 27000093 27000094 27000095 27000096 27000097 27000098 27000099 27000100

Notes :

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The statement of conformity in this test report is only based on measured values by the laboratory and does not take their uncertainties into consideration.

End of Report



本報告僅供客戶參考，不作為法律依據。如有任何疑問，請與本實驗室聯繫。本實驗室對本報告的內容負責，但不對客戶提供的樣品負責。本實驗室不承擔因客戶提供的樣品不具代表性而導致的誤差。本實驗室不承擔因客戶提供的樣品不具代表性而導致的誤差。本實驗室不承擔因客戶提供的樣品不具代表性而導致的誤差。

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