

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 1 of 14

Client Name : SHENZHEN HENGCHANGTAI TECHNOLOGY CO., LTD.

Client Address : ROOM 1209-10,ZHAOFENGXIANG BUSINESS BUILDING DONGFANG LIYE ROAD, SONGGANG SUBDISTRICT BAOAN DISTRICT,SHENZHEN

Sample Name : BPE(Biodegradation PE)

Model No. : JJ1100(+)

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

SGS Job No. : CP23-022367 - SZ

Date of Sample Received : 26 May 2023

Testing Period : 26 May 2023 - 02 Jul 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).

Result Summary :

| Test Requested | Conclusion |
|---|------------|
| Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004–Sensorial examination odour and taste test | PASS |
| Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Specific migration of primary aromatic amine | PASS |
| Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation– Overall migration | PASS |
| Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation –Specific Migration of Heavy Metal | PASS |



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-CSI Standards Technical Services Co., Ltd.
 Guangzhou Branch

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

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

Kim Cai

Kim Cai
Approved Signatory



Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 3 of 14

Test Result(s) :

Test Part Description :

| Specimen No. | SGS Sample ID | Description | Material (claimed by the client) |
|--------------|------------------|---------------------|-------------------------------------|
| SN1 | CAN23-074586.001 | Beige plastic sheet | PE |

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004—Sensorial examination odour and taste test

Test Method : With reference to DIN10955:2023,direct contact method.
No.of panelist:6

| <u>Test Item(s)</u> | <u>Limit</u> | <u>001</u> |
|---|--------------|-----------------|
| Test media | - | Distilled water |
| Test Temperature (°C) | - | 40 |
| Test time (hr) | - | 240 |
| Sensorial examination odour (Point scale) | 2.5 | 0.0 |
| Sensorial examination taste (Point scale) | 2.5 | 0.0 |
| Comment | | PASS |

Notes :

- Intensity scale (rounded at 0.5):
- 0 – no perceptible difference
 - 1 – just perceptible difference
 - 2 – slight difference
 - 3 – marked difference
 - 4 – strong difference

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,((EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Specific migration of primary aromatic amine

Test Method : With reference to EN 13130-1:2004,analysis was performed by LC-MS-MS.

Sample 001

Simulant Used : 3% Acetic acid (W/V)
Test Condition : 40 °C 240.0 hr(s)

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Max. Permissible Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------|----------------|-----------------------------------|-------------|------------|--------------------|
|---------------------|----------------|-----------------------------------|-------------|------------|--------------------|



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

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 4 of 14

| | | | | | |
|---|-----------|---------------------|-------|-------|----|
| Migration times | - | - | - | 1st | |
| Area/Volume | - | dm ² /kg | - | 6.0 | |
| o-Anisidine(o-ASD) | 90-04-0 | - | mg/kg | 0.002 | ND |
| Benzidine (BNZ) | 92-87-5 | - | mg/kg | 0.002 | ND |
| 4,4'-methylene-bis-(2-chloro-aniline) | 101-14-4 | - | mg/kg | 0.002 | ND |
| 4,4'-Methylenedianiline(4,4'-MDA) | 101-77-9 | - | mg/kg | 0.002 | ND |
| 4,4'-Diaminodiphenylether(4,4'-DPE) | 101-80-4 | - | mg/kg | 0.002 | ND |
| 4-Chloro-Aniline(4-CA) | 106-47-8 | - | mg/kg | 0.002 | ND |
| 3,3'-Dimethoxybenzidine | 119-90-4 | - | mg/kg | 0.002 | ND |
| 3,3'-Dimethylbenzidine(3,3'-DMB) | 119-93-7 | - | mg/kg | 0.002 | ND |
| 2-Methoxy-5-Methylaniline(2-M-5-MA) | 120-71-8 | - | mg/kg | 0.002 | ND |
| 2,4,5-Trimethylaniline(2,4,5-TMA) | 137-17-7 | - | mg/kg | 0.002 | ND |
| 4,4'-thiodianiline | 139-65-1 | - | mg/kg | 0.002 | ND |
| 4-amino azobenzene | 60-09-3 | - | mg/kg | 0.002 | ND |
| 4-Methoxy-mphenylenediamine(4-M-mPDA) | 615-05-4 | - | mg/kg | 0.002 | ND |
| 4,4'-Methylenedi-o-toluidine(4,4'-MDoT) | 838-88-0 | - | mg/kg | 0.002 | ND |
| 2-naphthylamine | 91-59-8 | - | mg/kg | 0.002 | ND |
| 3,3'-dichlorobenzidine | 91-94-1 | - | mg/kg | 0.002 | ND |
| 4-Aminobiphenyl (4-ABP) | 92-67-1 | - | mg/kg | 0.002 | ND |
| o-Toluidine(o-T) | 95-53-4 | - | mg/kg | 0.002 | ND |
| 4-Chloro-o-Toluidine(4-CoT) | 95-69-2 | - | mg/kg | 0.002 | ND |
| 2,4-Toluediamine(2,4-TDA) | 95-80-7 | - | mg/kg | 0.002 | ND |
| o-aminoazotoluene | 97-56-3 | - | mg/kg | 0.002 | ND |
| 2-Amino-4-nitrotoluene | 99-55-8 | - | mg/kg | 0.002 | ND |
| 1,3-phenylenediamine | 108-45-2 | - | mg/kg | 0.002 | ND |
| 1,3-Diiminoisindoline | 3468-11-9 | - | mg/kg | 0.010 | ND |
| 3-Anisidine | 536-90-3 | - | mg/kg | 0.002 | ND |
| 2-Amino-1-naphthalinesulfonic acid | 81-16-3 | - | mg/kg | 0.005 | ND |
| 2-Ethoxyaniline | 94-70-2 | - | mg/kg | 0.005 | ND |
| 5-Chloro-2-methoxyaniline | 95-03-4 | - | mg/kg | 0.005 | ND |
| 2-Chloraniline | 95-51-2 | - | mg/kg | 0.010 | ND |
| 4-Toluidine | 106-49-0 | - | mg/kg | 0.002 | ND |
| 1,4-Phenylenediamine | 106-50-3 | - | mg/kg | 0.002 | ND |
| 3-Chloroaniline | 108-42-9 | - | mg/kg | 0.010 | ND |
| 3-Toluidine | 108-44-1 | - | mg/kg | 0.002 | 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



Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 5 of 14

| | | | | | |
|---------------------------------|------------|---|-------|-------|----|
| 3-Amino-4-methoxybenzanilide | 120-35-4 | - | mg/kg | 0.002 | ND |
| 2-Chloro-4-nitroaniline | 121-87-9 | - | mg/kg | 0.005 | ND |
| 4-Chlor-3-methoxyaniline | 13726-14-2 | - | mg/kg | 0.005 | ND |
| 4-Ethoxyaniline | 156-43-4 | - | mg/kg | 0.002 | ND |
| 3-Amino-4-methylbenzamide | 19406-86-1 | - | mg/kg | 0.002 | ND |
| 1,5-Diaminonaphthalene | 2243-62-1 | - | mg/kg | 0.002 | ND |
| 4-Aminobenzamide | 2835-68-9 | - | mg/kg | 0.005 | ND |
| Aniline | 62-53-3 | - | mg/kg | 0.002 | ND |
| 4-Chlor-2,5-dimethoxyaniline | 6358-64-1 | - | mg/kg | 0.005 | ND |
| 2,4,5-Trichloroaniline | 636-30-6 | - | mg/kg | 0.010 | ND |
| 5-Amino-6-methylbenzimidazolone | 67014-36-2 | - | mg/kg | 0.005 | ND |
| 2,6- Diaminotoluene | 823-40-5 | - | mg/kg | 0.002 | ND |
| 2,6-Dimethylaniline (2,6-DMA) | 87-62-7 | - | mg/kg | 0.002 | ND |
| 4-Aminotoluene-3-sulfonic acid | 88-44-8 | - | mg/kg | 0.005 | ND |
| 1,2-Phenylendiamine | 95-54-5 | - | mg/kg | 0.002 | ND |
| 2,4-Dimethylaniline (2,4-DMA) | 95-68-1 | - | mg/kg | 0.002 | ND |
| 5-Chloro-2-methylaniline | 95-79-4 | - | mg/kg | 0.005 | ND |
| 2,5-Dichloroaniline | 95-82-9 | - | mg/kg | 0.010 | ND |
| 2,4-Dinitroaniline | 97-02-9 | - | mg/kg | 0.005 | ND |
| 2-Methoxy-4-nitroaniline | 97-52-9 | - | mg/kg | 0.005 | ND |
| p-Anisidine | 104-94-9 | - | mg/kg | 0.002 | ND |
| Dimethyl aminoterephthalate | 5372-81-6 | - | mg/kg | 0.002 | ND |
| 3,4-dichloroaniline | 95-76-1 | - | mg/kg | 0.002 | ND |
| 1-Naphthylamine | 134-32-7 | - | mg/kg | 0.002 | ND |
| 2-Aminobiphenyl | 90-41-5 | - | mg/kg | 0.002 | ND |
| Butyl Anthranilate | 7756-96-9 | - | mg/kg | 0.002 | ND |
| 2,4-Diaminodiphenylmethane | 1208-52-2 | - | mg/kg | 0.002 | ND |
| 2-Amino-5-methylbenzoic acid | 2941-78-8 | - | mg/kg | 0.002 | ND |
| Total | | - | mg/kg | - | ND |

Sample 001

| Test Item(s) | CAS NO. | Max. Permissible Limit | Unit | MDL | Test result |
|---------------------------------------|----------|---------------------------|---------------------|-------|-------------|
| Migration times | | - | - | - | 2nd |
| Area/Volume | | - | dm ² /kg | - | 6.0 |
| o-Anisidine(o-ASD) | 90-04-0 | - | mg/kg | 0.002 | ND |
| Benzidine (BNZ) | 92-87-5 | - | mg/kg | 0.002 | ND |
| 4,4'-methylene-bis-(2-chloro-aniline) | 101-14-4 | - | mg/kg | 0.002 | 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

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 6 of 14

| | | | | | |
|---|------------|---|-------|-------|----|
| 4,4'-Methylenedianiline(4,4'-MDA) | 101-77-9 | - | mg/kg | 0.002 | ND |
| 4,4'-Diaminodiphenylether(4,4'-DPE) | 101-80-4 | - | mg/kg | 0.002 | ND |
| 4-Chloro-Aniline(4-CA) | 106-47-8 | - | mg/kg | 0.002 | ND |
| 3,3'-Dimethoxybenzidine | 119-90-4 | - | mg/kg | 0.002 | ND |
| 3,3'-Dimethylbenzidine(3,3'-DMB) | 119-93-7 | - | mg/kg | 0.002 | ND |
| 2-Methoxy-5-Methylaniline(2-M-5-MA) | 120-71-8 | - | mg/kg | 0.002 | ND |
| 2,4,5-Trimethylaniline(2,4,5-TMA) | 137-17-7 | - | mg/kg | 0.002 | ND |
| 4,4'-thiodianiline | 139-65-1 | - | mg/kg | 0.002 | ND |
| 4-amino azobenzene | 60-09-3 | - | mg/kg | 0.002 | ND |
| 4-Methoxy-mphenylenediamine(4-M-mPDA) | 615-05-4 | - | mg/kg | 0.002 | ND |
| 4,4'-Methylenedi-o-toluidine(4,4'-MDoT) | 838-88-0 | - | mg/kg | 0.002 | ND |
| 2-naphthylamine | 91-59-8 | - | mg/kg | 0.002 | ND |
| 3,3'-dichlorobenzidine | 91-94-1 | - | mg/kg | 0.002 | ND |
| 4-Aminobiphenyl (4-ABP) | 92-67-1 | - | mg/kg | 0.002 | ND |
| o-Toluidine(o-T) | 95-53-4 | - | mg/kg | 0.002 | ND |
| 4-Chloro-o-Toluidine(4-CoT) | 95-69-2 | - | mg/kg | 0.002 | ND |
| 2,4-Toluenediamine(2,4-TDA) | 95-80-7 | - | mg/kg | 0.002 | ND |
| o-aminoazotoluene | 97-56-3 | - | mg/kg | 0.002 | ND |
| 2-Amino-4-nitrotoluene | 99-55-8 | - | mg/kg | 0.002 | ND |
| 1,3-phenylenediamine | 108-45-2 | - | mg/kg | 0.002 | ND |
| 1,3-Diiminoisindoline | 3468-11-9 | - | mg/kg | 0.010 | ND |
| 3-Anisidine | 536-90-3 | - | mg/kg | 0.002 | ND |
| 2-Amino-1-naphthalinesulfonic acid | 81-16-3 | - | mg/kg | 0.005 | ND |
| 2-Ethoxyaniline | 94-70-2 | - | mg/kg | 0.005 | ND |
| 5-Chloro-2-methoxyaniline | 95-03-4 | - | mg/kg | 0.005 | ND |
| 2-Chloraniline | 95-51-2 | - | mg/kg | 0.010 | ND |
| 4-Toluidine | 106-49-0 | - | mg/kg | 0.002 | ND |
| 1,4-Phenylenediamine | 106-50-3 | - | mg/kg | 0.002 | ND |
| 3-Chloroaniline | 108-42-9 | - | mg/kg | 0.010 | ND |
| 3-Toluidine | 108-44-1 | - | mg/kg | 0.002 | ND |
| 3-Amino-4-methoxybenzanilide | 120-35-4 | - | mg/kg | 0.002 | ND |
| 2-Chloro-4-nitroaniline | 121-87-9 | - | mg/kg | 0.005 | ND |
| 4-Chlor-3-methoxyaniline | 13726-14-2 | - | mg/kg | 0.005 | ND |
| 4-Ethoxyaniline | 156-43-4 | - | mg/kg | 0.002 | ND |
| 3-Amino-4-methylbenzamide | 19406-86-1 | - | mg/kg | 0.002 | ND |
| 1,5-Diaminonaphthalene | 2243-62-1 | - | mg/kg | 0.002 | 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



Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 7 of 14

| | | | | | |
|---------------------------------|------------|---|-------|-------|----|
| 4-Aminobenzamide | 2835-68-9 | - | mg/kg | 0.005 | ND |
| Aniline | 62-53-3 | - | mg/kg | 0.002 | ND |
| 4-Chlor-2,5-dimethoxyaniline | 6358-64-1 | - | mg/kg | 0.005 | ND |
| 2,4,5-Trichloroaniline | 636-30-6 | - | mg/kg | 0.010 | ND |
| 5-Amino-6-methylbenzimidazolone | 67014-36-2 | - | mg/kg | 0.005 | ND |
| 2,6- Diaminotoluene | 823-40-5 | - | mg/kg | 0.002 | ND |
| 2,6-Dimethylaniline (2,6-DMA) | 87-62-7 | - | mg/kg | 0.002 | ND |
| 4-Aminotoluene-3-sulfonic acid | 88-44-8 | - | mg/kg | 0.005 | ND |
| 1,2-Phenylendiamine | 95-54-5 | - | mg/kg | 0.002 | ND |
| 2,4-Dimethylaniline (2,4-DMA) | 95-68-1 | - | mg/kg | 0.002 | ND |
| 5-Chloro-2-methylaniline | 95-79-4 | - | mg/kg | 0.005 | ND |
| 2,5-Dichloroaniline | 95-82-9 | - | mg/kg | 0.010 | ND |
| 2,4-Dinitroaniline | 97-02-9 | - | mg/kg | 0.005 | ND |
| 2-Methoxy-4-nitroaniline | 97-52-9 | - | mg/kg | 0.005 | ND |
| p-Anisidine | 104-94-9 | - | mg/kg | 0.002 | ND |
| Dimethyl aminoterephthalate | 5372-81-6 | - | mg/kg | 0.002 | ND |
| 3,4-dichloroaniline | 95-76-1 | - | mg/kg | 0.002 | ND |
| 1-Naphthylamine | 134-32-7 | - | mg/kg | 0.002 | ND |
| 2-Aminobiphenyl | 90-41-5 | - | mg/kg | 0.002 | ND |
| Butyl Anthranilate | 7756-96-9 | - | mg/kg | 0.002 | ND |
| 2,4-Diaminodiphenylmethane | 1208-52-2 | - | mg/kg | 0.002 | ND |
| 2-Amino-5-methylbenzoic acid | 2941-78-8 | - | mg/kg | 0.002 | ND |
| Total | | - | mg/kg | - | ND |

Sample 001

| <u>Test Item(s)</u> | <u>CAS NO.</u> | <u>Max. Permissible</u> <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------------------------|----------------|---|---------------------|------------|--------------------|
| Migration times | | - | - | - | 3rd |
| Area/Volume | | - | dm ² /kg | - | 6.0 |
| o-Anisidine(o-ASD) | 90-04-0 | ND | mg/kg | 0.002 | ND |
| Benzidine (BNZ) | 92-87-5 | ND | mg/kg | 0.002 | ND |
| 4,4'-methylene-bis-(2-chloro-aniline) | 101-14-4 | ND | mg/kg | 0.002 | ND |
| 4,4'-Methylenedianiline(4,4'-MDA) | 101-77-9 | ND | mg/kg | 0.002 | ND |
| 4,4'-Diaminodiphenylether(4,4'-DPE) | 101-80-4 | ND | mg/kg | 0.002 | ND |
| 4-Chloro-Aniline(4-CA) | 106-47-8 | ND | mg/kg | 0.002 | ND |
| 3,3'-Dimethoxybenzidine | 119-90-4 | ND | mg/kg | 0.002 | ND |
| 3,3'-Dimethylbenzidine(3,3'-DMB) | 119-93-7 | ND | mg/kg | 0.002 | 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

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 8 of 14

| | | | | | |
|--|------------|----|-------|-------|----|
| 2-Methoxy-5-Methylaniline(2-M-5-MA) | 120-71-8 | ND | mg/kg | 0.002 | ND |
| 2,4,5-Trimethylaniline(2,4,5-TMA) | 137-17-7 | ND | mg/kg | 0.002 | ND |
| 4,4'-thiodianiline | 139-65-1 | ND | mg/kg | 0.002 | ND |
| 4-amino azobenzene | 60-09-3 | ND | mg/kg | 0.002 | ND |
| 4-Methoxy-mphenylenediamine(4-M-mPDA) | 615-05-4 | ND | mg/kg | 0.002 | ND |
| 4,4'-Methylenedi-o-toluidine(4,4'-M DoT) | 838-88-0 | ND | mg/kg | 0.002 | ND |
| 2-naphthylamine | 91-59-8 | ND | mg/kg | 0.002 | ND |
| 3,3'-dichlorobenzidine | 91-94-1 | ND | mg/kg | 0.002 | ND |
| 4-Aminobiphenyl (4-ABP) | 92-67-1 | ND | mg/kg | 0.002 | ND |
| o-Toluidine(o-T) | 95-53-4 | ND | mg/kg | 0.002 | ND |
| 4-Chloro-o-Toluidine(4-CoT) | 95-69-2 | ND | mg/kg | 0.002 | ND |
| 2,4-Toluenediamine(2,4-TDA) | 95-80-7 | ND | mg/kg | 0.002 | ND |
| o-aminoazotoluene | 97-56-3 | ND | mg/kg | 0.002 | ND |
| 2-Amino-4-nitrotoluene | 99-55-8 | ND | mg/kg | 0.002 | ND |
| 1,3-phenylenediamine | 108-45-2 | ND | mg/kg | 0.002 | ND |
| 1,3-Diiminoisindoline | 3468-11-9 | - | mg/kg | 0.010 | ND |
| 3-Anisidine | 536-90-3 | - | mg/kg | 0.002 | ND |
| 2-Amino-1-naphthalinesulfonic acid | 81-16-3 | - | mg/kg | 0.005 | ND |
| 2-Ethoxyaniline | 94-70-2 | - | mg/kg | 0.005 | ND |
| 5-Chloro-2-methoxyaniline | 95-03-4 | - | mg/kg | 0.005 | ND |
| 2-Chloraniline | 95-51-2 | - | mg/kg | 0.010 | ND |
| 4-Toluidine | 106-49-0 | - | mg/kg | 0.002 | ND |
| 1,4-Phenylenediamine | 106-50-3 | - | mg/kg | 0.002 | ND |
| 3-Chloroaniline | 108-42-9 | - | mg/kg | 0.010 | ND |
| 3-Toluidine | 108-44-1 | - | mg/kg | 0.002 | ND |
| 3-Amino-4-methoxybenzanilide | 120-35-4 | - | mg/kg | 0.002 | ND |
| 2-Chloro-4-nitroaniline | 121-87-9 | - | mg/kg | 0.005 | ND |
| 4-Chlor-3-methoxyaniline | 13726-14-2 | - | mg/kg | 0.005 | ND |
| 4-Ethoxyaniline | 156-43-4 | - | mg/kg | 0.002 | ND |
| 3-Amino-4-methylbenzamide | 19406-86-1 | - | mg/kg | 0.002 | ND |
| 1,5-Diaminonaphthalene | 2243-62-1 | - | mg/kg | 0.002 | ND |
| 4-Aminobenzamide | 2835-68-9 | - | mg/kg | 0.005 | ND |
| Aniline | 62-53-3 | - | mg/kg | 0.002 | ND |
| 4-Chlor-2,5-dimethoxyaniline | 6358-64-1 | - | mg/kg | 0.005 | ND |
| 2,4,5-Trichloroaniline | 636-30-6 | - | mg/kg | 0.010 | ND |
| 5-Amino-6-methylbenzimidazolone | 67014-36-2 | - | mg/kg | 0.005 | 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



Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 9 of 14

| | | | | | |
|--------------------------------|-----------|------|-------|-------|----|
| 2,6- Diaminotoluene | 823-40-5 | - | mg/kg | 0.002 | ND |
| 2,6-Dimethylaniline (2,6-DMA) | 87-62-7 | - | mg/kg | 0.002 | ND |
| 4-Aminotoluene-3-sulfonic acid | 88-44-8 | - | mg/kg | 0.005 | ND |
| 1,2-Phenylendiamine | 95-54-5 | - | mg/kg | 0.002 | ND |
| 2,4-Dimethylaniline (2,4-DMA) | 95-68-1 | - | mg/kg | 0.002 | ND |
| 5-Chloro-2-methylaniline | 95-79-4 | - | mg/kg | 0.005 | ND |
| 2,5-Dichloroaniline | 95-82-9 | - | mg/kg | 0.010 | ND |
| 2,4-Dinitroaniline | 97-02-9 | - | mg/kg | 0.005 | ND |
| 2-Methoxy-4-nitroaniline | 97-52-9 | - | mg/kg | 0.005 | ND |
| p-Anisidine | 104-94-9 | - | mg/kg | 0.002 | ND |
| Dimethyl aminoterephthalate | 5372-81-6 | - | mg/kg | 0.002 | ND |
| 3,4-dichloroaniline | 95-76-1 | - | mg/kg | 0.002 | ND |
| 1-Naphthylamine | 134-32-7 | - | mg/kg | 0.002 | ND |
| 2-Aminobiphenyl | 90-41-5 | - | mg/kg | 0.002 | ND |
| Butyl Anthranilate | 7756-96-9 | - | mg/kg | 0.002 | ND |
| 2,4-Diaminodiphenylmethane | 1208-52-2 | - | mg/kg | 0.002 | ND |
| 2-Amino-5-methylbenzoic acid | 2941-78-8 | - | mg/kg | 0.002 | ND |
| Total | | 0.01 | mg/kg | - | ND |

Stability

YES

Comment

PASS

Notes :

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected (less than MDL)

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation– Overall migration

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods; or EN 1186-3:2022 Test methods for overall migration in evaporable simulants;

Sample 001

Simulant Used : 3% Acetic Acid (W/V)

Test Condition : 40 °C 240.0 hr(s)

| <u>Test Item(s)</u> | <u>Max. Permissible</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------|-------------------------|---------------------|------------|--------------------|
| | <u>Limit</u> | | | |
| Area/Volume | - | dm ² /kg | - | 10 |



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

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 10 of 14

| | | | | |
|------------------|------|--------------------|-----|-------------|
| First Migration | - | mg/dm ² | 3.0 | <3.0 |
| Second Migration | - | mg/dm ² | 3.0 | <3.0 |
| Third Migration | 10.0 | mg/dm ² | 3.0 | <3.0 |
| Stability | | | | YES |
| Comment | | | | PASS |

Sample 001

Simulant Used : 50% Ethanol (V/V)
 Test Condition : 40 °C 240.0 hr(s)

| <u>Test Item(s)</u> | <u>Max. Permissible Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------|-----------------------------------|---------------------|------------|--------------------|
| Area/Volume | - | dm ² /kg | - | 10 |
| First Migration | - | mg/dm ² | 3.0 | <3.0 |
| Second Migration | - | mg/dm ² | 3.0 | <3.0 |
| Third Migration | 10.0 | mg/dm ² | 3.0 | <3.0 |
| Stability | | | | YES |
| Comment | | | | PASS |

Sample 001

Simulant Used : 95% Ethanol
 Test Condition : 40 °C 240.0 hr(s)

| <u>Test Item(s)</u> | <u>Max. Permissible Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------|-----------------------------------|---------------------|------------|--------------------|
| Area/Volume | - | dm ² /kg | - | 10 |
| First Migration | - | mg/dm ² | 3.0 | <3.0 |
| Second Migration | - | mg/dm ² | 3.0 | <3.0 |
| Third Migration | 10.0 | mg/dm ² | 3.0 | <3.0 |
| Stability | | | | YES |
| Comment | | | | PASS |

Sample 001

Simulant Used : Isooctane
 Test Condition : 20 °C 48.0 hr(s)

| <u>Test Item(s)</u> | <u>Max. Permissible Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------|-----------------------------------|---------------------|------------|--------------------|
| Area/Volume | - | dm ² /kg | - | 10 |



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

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 11 of 14

| | | | | |
|------------------|------|--------------------|-----|-------------|
| First Migration | - | mg/dm ² | 3.0 | 5.8 |
| Second Migration | - | mg/dm ² | 3.0 | <3.0 |
| Third Migration | 10.0 | mg/dm ² | 3.0 | <3.0 |
| Stability | | | | YES |
| Comment | | | | PASS |

Notes :

- 1.mg/dm² = milligram per square decimeter
mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
- 3.Analytical tolerance of evaporable simulants is 2 mg/dm² or 12 mg/kg.
- 4.Analytical tolerance of olive oil simulant is 3 mg/dm² or 20 mg/kg.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, (EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation –Specific Migration of Heavy Metal

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-OES & ICP-MS.

Sample 001

Simulant Used : 3% Acetic Acid (W/V)

Test Condition : 40 °C 240.0 hr(s)

| <u>Test Item(s)</u> | <u>Max. Permissible Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------|-------------------------------|---------------------|------------|--------------------|
| Migration times | - | - | - | 1st |
| Area/Volume | - | dm ² /kg | - | 6.0 |
| Chromium (Cr) | ND | mg/kg | 0.01 | ND |
| Arsenic (As) | ND | mg/kg | 0.01 | ND |
| Cadmium (Cd) | ND | mg/kg | 0.002 | ND |
| Mercury (Hg) | ND | mg/kg | 0.01 | ND |
| Lead (Pb) | ND | mg/kg | 0.01 | ND |
| Lithium (Li) | - | mg/kg | 0.1 | ND |
| Aluminum (Al) | - | mg/kg | 0.1 | ND |
| Manganese (Mn) | - | mg/kg | 0.1 | ND |
| Iron (Fe) | - | mg/kg | 5 | ND |
| Cobalt (Co) | - | mg/kg | 0.01 | ND |
| Nickel (Ni) | - | mg/kg | 0.01 | ND |
| Copper (Cu) | - | mg/kg | 0.25 | ND |
| Zinc (Zn) | - | mg/kg | 0.5 | ND |
| Antimony (Sb) | - | mg/kg | 0.01 | ND |
| Barium (Ba) | - | mg/kg | 0.25 | 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

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 12 of 14

| | | | | |
|--|---|-------|-------|----|
| Lanthanum (La) | - | mg/kg | 0.025 | ND |
| Europium (Eu) | - | mg/kg | 0.025 | ND |
| Gadolinium (Gd) | - | mg/kg | 0.025 | ND |
| Terbium (Tb) | - | mg/kg | 0.025 | ND |
| Lanthanum (La)+ Europium (Eu)+ Gadolinium (Gd)+ Terbium(Tb) | - | mg/kg | - | ND |

Sample 001

| <u>Test Item(s)</u> | <u>Max. Permissible</u> <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|--|---|---------------------|------------|--------------------|
| Migration times | - | - | - | 2nd |
| Area/Volume | - | dm ² /kg | - | 6.0 |
| Chromium (Cr) | - | mg/kg | 0.01 | ND |
| Arsenic (As) | - | mg/kg | 0.01 | ND |
| Cadmium (Cd) | - | mg/kg | 0.002 | ND |
| Mercury (Hg) | - | mg/kg | 0.01 | ND |
| Lead (Pb) | - | mg/kg | 0.01 | ND |
| Lithium (Li) | - | mg/kg | 0.1 | ND |
| Aluminum (Al) | - | mg/kg | 0.1 | ND |
| Manganese (Mn) | - | mg/kg | 0.1 | ND |
| Iron (Fe) | - | mg/kg | 5 | ND |
| Cobalt (Co) | - | mg/kg | 0.01 | ND |
| Nickel (Ni) | - | mg/kg | 0.01 | ND |
| Copper (Cu) | - | mg/kg | 0.25 | ND |
| Zinc (Zn) | - | mg/kg | 0.5 | ND |
| Antimony (Sb) | - | mg/kg | 0.01 | ND |
| Barium (Ba) | - | mg/kg | 0.25 | ND |
| Lanthanum (La) | - | mg/kg | 0.025 | ND |
| Europium (Eu) | - | mg/kg | 0.025 | ND |
| Gadolinium (Gd) | - | mg/kg | 0.025 | ND |
| Terbium (Tb) | - | mg/kg | 0.025 | ND |
| Lanthanum (La)+ Europium (Eu)+ Gadolinium (Gd)+ Terbium(Tb) | - | mg/kg | - | ND |

Sample 001

| <u>Test Item(s)</u> | <u>Max. Permissible</u> <u>Limit</u> | <u>Unit</u> | <u>MDL</u> | <u>Test result</u> |
|---------------------|---|---------------------|------------|--------------------|
| Migration times | - | - | - | 3rd |
| Area/Volume | - | dm ² /kg | - | 6.0 |



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

Test Report

No. CANEC2307458601

Date: 02 Jul 2023

Page 13 of 14

| | | | | |
|--|------|-------|-------|-------------|
| Chromium (Cr) | ND | mg/kg | 0.01 | ND |
| Arsenic (As) | ND | mg/kg | 0.01 | ND |
| Cadmium (Cd) | ND | mg/kg | 0.002 | ND |
| Mercury (Hg) | ND | mg/kg | 0.01 | ND |
| Lead (Pb) | ND | mg/kg | 0.01 | ND |
| Lithium (Li) | 0.6 | mg/kg | 0.1 | ND |
| Aluminum (Al) | 1 | mg/kg | 0.1 | ND |
| Manganese (Mn) | 0.6 | mg/kg | 0.1 | ND |
| Iron (Fe) | 48 | mg/kg | 5 | ND |
| Cobalt (Co) | 0.05 | mg/kg | 0.01 | ND |
| Nickel (Ni) | 0.02 | mg/kg | 0.01 | ND |
| Copper (Cu) | 5 | mg/kg | 0.25 | ND |
| Zinc (Zn) | 5 | mg/kg | 0.5 | ND |
| Antimony (Sb) | 0.04 | mg/kg | 0.01 | ND |
| Barium (Ba) | 1 | mg/kg | 0.25 | ND |
| Lanthanum (La) | - | mg/kg | 0.025 | ND |
| Europium (Eu) | - | mg/kg | 0.025 | ND |
| Gadolinium (Gd) | - | mg/kg | 0.025 | ND |
| Terbium (Tb) | - | mg/kg | 0.025 | ND |
| Lanthanum (La)+ Europium (Eu)+ Gadolinium (Gd)+ Terbium(Tb) | 0.05 | mg/kg | - | ND |
| Stability | | | | YES |
| Comment | | | | PASS |

Notes :

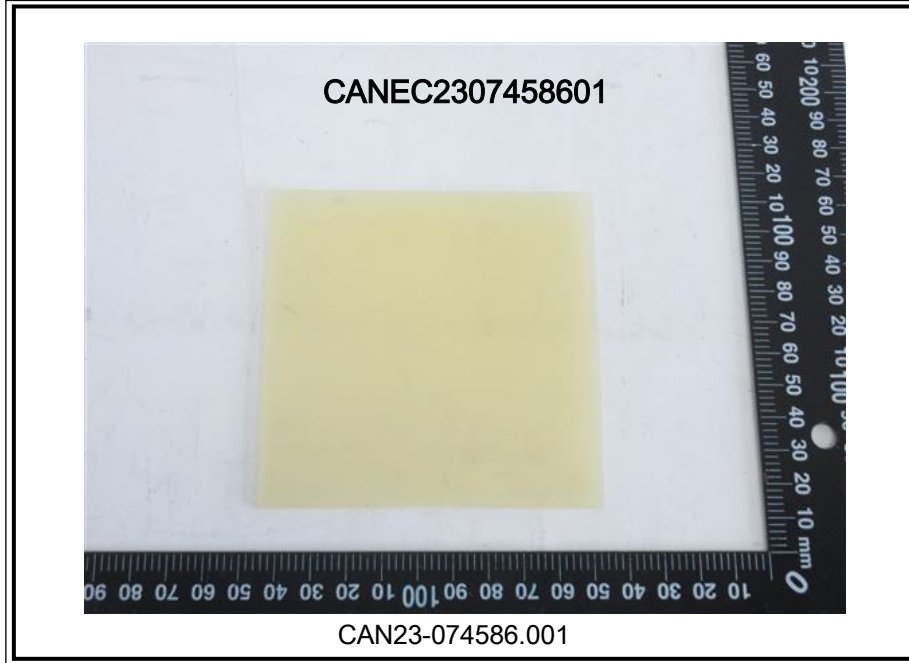
1. mg/kg = milligram per kilogram of foodstuff in contact with
2. °C = degree Celsius
3. MDL=Method Detection Limit
4. ND = Not Detected(less than MDL)

Remark:For repeated use, compliance of the material or article is verified on the basis of the level of the migration found in the third test and on the basis of the stability of the material or article from the first to the third migration test. For substances which limit is "Not Detected", the compliance is based on the first migration test result if it is detected.

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.



Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

