

**DECLARATION OF COMPLIANCE WITH THE REGULATIONS CONCERNING
MATERIALS AND PRODUCTS IN CONTACT WITH FOOD PRODUCTS**

This Declaration of compliance is issued by:

Customer: TechPack AB – VAT no. SE556592569901
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Sweden
CEO: Terence Bjarnesson

This declaration of compliance concerns the following materials and articles:

Product description: Black plastic trays for food purpose produced at TechPack AB, Sweden

TechPack article number:

Serie SF – SF1S, SF2S, SF3S, SF4S

Serie PF – PF1000SR, PFF1500SR, PFF2000SR, PF2000SR, PF3000SR, PF6000SR

Serie THM – THM10S, THM20S

Serie ½ GN – 325265-40STP, 325265-50STP, 325265-60STP, 325265-80STP, 325265-100STP

Serie TPH – TPH45S, TPH60S, TPH80S, TPH90S, TPH100S, TPH200S, TPH201S, TPH1300S

Serie TH – TH1100S, TH1400S, TH1800S, TH21S, TH31S, TH41S, TH51S

Materials: Polypropene with talc and black pigment

We confirm that the above-mentioned product fulfills the requirements on materials and articles used for food contact as described in:

- Regulation (EC) 1935/2004 of 27. October 2004
- Regulation (EC) 2023/2006 of 22 December 2006
- Regulation (EC) 10/2011 of 14 January 2011
- DS/EN 15284, 1 edition 2007-06 18

The products are tested for:

- Total migration
- Specific migration metals
- Specific migration Primary Aromatic Amines (PAA)
- Specific migration 9,9-bis(methoxymethyl)fluorene
- 1,2-Cyclohexanedicarboxylic acid, calcium salt
- Resistance to microwave heating, DS/EN 15284, 1 edition 2007-06 18

Substances subject to restrictions. Reference to substance identifications comes from Annex 1 of regulation (EU) 10/2011

This material contains the following monomers or additives that are regulated with a restriction or specification in their use: Stof no 779, 816

This material contains the following additives that are regulated as dual use additives in Europe:
None

We hereby declare that the material or the article is suitable for direct contact with foodstuff included in the following foodstuff groups, and conditions:

Specifications on the use:

All type of food: Yes No

Contact condition: Any contact conditions that include contact at high temperature applications up to 121 °C, which are not followed by long-term room temperature or refrigerated storage (< 30 Days). The box is tested at 130°C for 1 hour in olive oil and complies with the total migration limits in regulation (EC) 10/2011, and with no degradation in the plastic. The item is tested for resistance to microwave heating, according to DS/EN 15284, 1 edition 2007-06-18.

Ratio of food contact surface area to volume: 10 mg/dm²

The item does not apply any danger to health or environment according to Framework Regulation 1935/2004/EC. The item is manufactured according to Regulation 2023/2006/EC on good manufacturing practices.

Place: Örkelljunga

Company stamp/seal

Date: 250812

Signature:



Terence Bjarnesson

CEO

TechPack

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Test conditions and food simulants in accordance with Regulation (EU) 10/2011

Test according to Regulation (EU) 10/2011 of 14 January 2011. Annex III, table 3, All types of food. Test at food simulator B, C and D2. The test with D2 will be performed by replacement test with 95% ethanol and Isooctane according to DS/EN 1186-14. 2002-11-07

Test conditions according to Regulation (EU) 10/2011 of 14 January 2011. annex V, table 3, standard conditions OM5,

Applications at high temperatures (up to 121 °C). The test covers any storage up to 30 days.

Test methods DS/EN 1186-1,2 and DS/EN 1186-1,3 (Test by total immersion) Test results are reported in compliance with Regulation (EU) 10/2011.

Test summary:

Type of analysis	Conclusion	Regulation or protocol
Total migration	Pass	(EC) no 10/2011/ incl. amendments
Specifics migration of metals in plastic	Pass	EC) no 10/2011/ incl. amendments
Specific migration of Primary Aromatic Amines	Pass	(EC) no 10/2011/ incl. amendments
Specific migration of 9,9-bis(methoxymethyl)fluorene	Pass	(EC) no 10/2011/ incl. amendments
Specific migration of 1,2-Cyclohexanedicarboxylic acid, calcium salt	Pass	(EC) no 10/2011/ incl. amendments

Test results: See next page.

1: Total migration. Test methods and test conditions:

DS/EN1186-01:2002, Guide to selection of conditions and test methods for overall migration

DS/EN1186-02:2022, Test methods for overall migration into aqueous food simulants by total immersion

DS/EN1186-03:2022, Test methods for overall migration into aqueous food simulants by total immersion.

Food Simulant	Test time	Test Temperature	Max. Permissible Limit*	Method uncertainty	Method LOQ
10% v/v Ethanol	2 hours ± 5 minutes	Reflux	10 mg/dm ²	10%	0,5 mg/dm ²
3% w/v acetic acid	2 hours ± 5 minutes	Reflux	10 mg/dm ²	10%	0,5 mg/dm ²
95% v/v ethanol	4,5 hours ± 9 minutes	60°C ± 2°C	10 mg/dm ²	10%	0,5 mg/dm ²
Isooctan	2,5 hour ± 5 minutes	60°C ± 2°C	10 mg/dm ²	10%	0,5 mg/dm ²
Olive Oil	1 hours ± 1 minutes	130°C ± 3°C	10 mg/dm ²	25%	5 mg/dm ²

* According to regulation (EC) 10/2011 incl. amendments

Total migration Test results:

Test	Rep. A	Rep. B	Rep. C	Average	Pass/Fail*
10% v/v ethanol (mg/ dm ²)	1,3	1,4	1,3	1,3	Pass
3 % v/v acetic acid (mg/dm ²)	1,0	<1	1,0	1	Pass
95% v/v ethanol (mg/dm ²)	<1	<1	<1	<1	Pass

Isooctan (mg/dm ³)	5,7	4,3	5,1	5,0	Pass
Olive Oil [#]	<5	<5	<5	<5	Pass

* According to regulation (EC) 10/2011 incl. amendments

The test is not accredited

Ratio Surface to Volume: 10 dm²/l

2: Specific migration of metals, according to regulation (EC) 10/2011[#]

Food Simulant	Test time	Test Temperature	Method	Method uncertainty
3% w/v acetic acid	10 days ± 5 hours	50°C ± 1°C	ICP-AES	20%

Tests	Unit	Results	Maximum Permissible limit*	Pass/Fail**
Aluminium (Al)	mg/kg	<0,1	1	Pass
Antimony (Sb)	mg/kg	<0,01	0,04	Pass
Arsenic (As)	mg/kg	<0,01	0,01	Pass
Barium (Ba)	mg/kg	<0,1	1	Pass
Cadmium (Cd)	mg/kg	<0,001	0,002	Pass
Chromium (Cr)	mg/kg	<0,01	0,01	Pass
Cobalt (Co)	mg/kg	<0,01	0,05	Pass
Cobber (Cu)	mg/kg	<0,1	5	Pass
Iron (Fe)	mg/kg	<5	48	Pass
Lead (Pb)	mg/kg	<0,01	0,01	Pass

Lithium (Li)	mg/kg	<0,01	0,6	Pass
Manganese Mn)	mg/kg	<0,01	0,6	Pass
Mercury (Hg)	mg/kg	<0,01	0,01	Pass
Nickel (Ni)	mg/kg	<0,01	0,02	Pass
Zinc (Zn)	mg/kg	<0,1	5	Pass
Tungsten (W)	mg/kg	<0,01	0,05	Pass
Europium (Eu)	mg/kg	<0,01	Sum ≤ 0,05	Pass
Gadolinium (Ga)	mg/kg	<0,01		
Lanthanium (La)	mg/kg	<0,01		
Terbium (Tb)	mg/kg	<0,01		

According to regulation (EC) 10/2011 incl. amendments

**Compliance according to regulation (EC) 10/2011 incl. amendments

Ratio Surface to Volume: 6 dm²/l

The test is performed by accredited subcontractor STQ Testing Services Co., Ltd ISO 17025 IAS TL-532, The test is not covered by the accreditation

3: Specific migration Primary Aromatic Amines[#]

Test method: Sample preparation according to EN 13130-1:2004, with selection of simulant and conditions followed by analysis by LC-MS, and by UV

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Food Simulant	Test time	Test Temperature	Method	Method uncertainty
3% Acetic acid	10 days ± 5 hours	50°C ± 1°C	LC/MS/MS & UV	20%

Test Item(s)	Unit	Results	Maximum Permissible limit*	Pass/Fail**
4-Aminobiphenyl	mg/kg	<0,001	0,002	Pass
Bezidine	mg/kg	<0,001	0,002	Pass
4-Chloro-o-toluidine	mg/kg	<0,001	0,002	Pass
2-Naphthylamine	mg/kg	<0,001	0,002	Pass
O-Aminoazotoluene	mg/kg	<0,001	0,002	Pass
5-Nitro-o-toluidine	mg/kg	<0,001	0,002	Pass
4-Chloroaniline	mg/kg	<0,001	0,002	Pass
4-methoxy-m-phenylenediamine	mg/kg	<0,001	0,002	Pass
4,4'-methylenedianiline	mg/kg	<0,001	0,002	Pass
3,3'-Dichlorobenzidine	mg/kg	<0,001	0,002	Pass
3,3'-Dimethoxybenzidine	mg/kg	<0,001	0,002	Pass
3,3'-Dimethylbenzine	mg/kg	<0,001	0,002	Pass
4,4'-methylenedi-o-toluidine	mg/kg	<0,001	0,002	Pass
P-Cresidine	mg/kg	<0,001	0,002	Pass
4,4'-Methylene-bis(2-Chloro-aniline)	mg/kg	<0,001	0,002	Pass
4,4'-oxydianiline	mg/kg	<0,001	0,002	Pass

4,4'-Thiodianiline	mg/kg	<0,001	0,002	Pass
O-Toludine	mg/kg	<0,001	0,002	Pass
4-methyl-m-phenylenediamine	mg/kg	<0,001	0,002	Pass
2,4,5- Trimethylaniline	mg/kg	<0,001	0,002	Pass
4_aminiazobenzene	mg/kg	<0,001	0,002	Pass
O-Anisidine	mg/kg	<0,001	0,002	Pass
Other Primary Aromatic Amine	mg/kg	<0,01	<0,01	Pass

According to regulation (EC) 10/2011 incl. amendments

**Compliance according to regulation (EC) 10/2011 incl. amendments

Ratio Surface to Volume: 6 dm²/l

The test is performed by accredited subcontractor STQ Testing Services Co., Ltd ISO 17025 IAS TL-532, The test is not covered by the accreditation

4: Specific migration of 9,9-bis(methoxymethyl)fluorene

Test method: Sample preparation according to EN 13130-1:2004

Food Simulant	Test time	Test Temperature	Method	Method uncertainty
10% ethanol	10 days ± 5 hours	50°C ± 1°C	GC/MS	20%

Test	Enhed	Resultat	Maximum Permissible limit*	Conclusion**
Specific migration of 9,9-bis(methoxymethyl)fluorene (Cas.nr. 182121-12-6)	mg/kg	<0,01	0,05	Pass

* According to regulation (EC) 10/2011 incl. amendments **

Compliance according to regulation (EC) 10/2011 incl. amendments Ratio
Surface to Volume: 6 dm²/l.

The test is performed by accredited subcontractor STQ Testing Services Co., Ltd ISO 17025 IAS TL-532, The test is not covered by the accreditation

5: Specific migration of 1,2-Cyclohexanedicarboxylic acid, calcium salt

Test method: Sample preparation according to EN 13130-1:2004

Food Simulant	Test time	Test Temperature	Method	Method uncertainty
10% ethanol	10 days ± 5 hours	50°C ± 1°C	GC/MS	20%

Test	Enhed	Resultat	Maximum Permissible limit*	Conclusion**
Specific migration of 1,2-Cyclohexane-dicarboxylic acid, calcium salt (cas.no 491589-22-1)	mg/kg	<2	5	Pass

* According to regulation (EC) 10/2011 incl. amendments **

Compliance according to regulation (EC) 10/2011 incl. amendments Ratio
Surface to Volume: 6 dm²/l.

The test is performed by accredited subcontractor STQ Testing Services Co., Ltd ISO 17025 IAS TL-532, The test is not covered by the accreditation

*** End of Report***