

TEST REPORT N. 26/000548085

date of issue 10/08/2026

Customer ID	0068079/001	Messrs SWIFT SILLIKER (PTY) LTD 16 WARRINGTON RD CLAREMONT 7708 ZA
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Sample information

Acceptance number	26.530979.0002
Delivered by	DHL International on 22/07/2026
Receiving Date	22/07/2026
Place of origin	SWIFT SILLIKER (PTY) LTD 16 WARRINGTON RD CLAREMONT 7708 ZA
Matrix	PAPER
Sample Description	OMS-26-02421 PAPER RECYCLED (CORRUSEAL WESTERN CAPE)

Sampling information

Sampled by	Customer
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follow test report n. 26/000548085

ANALYTICAL RESULTS

	Value/ Uncertainty	U.M.	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Ro w
ON SAMPLE AS IT IS									1
FLUORINE TOTAL Met.: AR 2025/048/B-CAP.1	33,1±9,9	mg/kg	<50	Regulation (EU) n. 40/2025	5,0		30/07/2026- 10/08/2026	02	2 *
POLYFLUORINATED ALKYL SUBSTANCES (PFAS) Met.: MP 2218 rev 1 2023							29/07/2026- 06/08/2026	02	3
Perfluoro-n-butanoic acid (PFBA) (375-22-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			4 *
Perfluoro-n-pentanoic acid (PFPeA) (2706-90-3)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			5 *
Perfluoro-n-hexanoic acid (PFHxA) (307-24-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			6 *
Perfluoroheptanoic acid (PFHpA) (375-85-9)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			7 *
Perfluoro-n-octanoic acid (PFOA) (335-67-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			8 *
Perfluoro-n-nonanoic acid (PFNA) (375-95-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			9 *
Perfluoro-n-decanoic acid (PFDA) (335-76-2)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			10 *
Perfluorobutane sulfonic acid (L-PFBS) (375-73-5)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			11 *
Perfluorohexane sulfonic acid (L-PFHxS) (355-46-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			12 *
Perfluorooctane sulfoni acid (L-PFOS) (1763-23-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			13 *
Perfluoro-n-undecanoic acid (PFUnA) (2058-94-8)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			14 *
Perfluoro-n-dodecanoic acid (PFDoA) (307-55-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			15 *
Sum of PFOA (branched isomers)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			16 *
Sum of PFOS (branched isomers)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			17 *
Undecafluoro-2-methyl-3-oxahesanoic acid (HFPO dimer acid) (13252-13-6)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			18 *
Perfluorodecane sulfonic acid (L-PFDS) (335-77-3)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,10			19 *
Perfluoropentane solfonic acid (L-PFPeS) (2706-91-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,12			20 *
Perfluoroheptane sulfonic acid (L-PFHpS) (375-92-8)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,14			21 *
Perfluorononane sulfonic acid (L-PFNS) (68259-12-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,12			22 *
4:2 fluorotelomer sulfonic acid (4:2 FTS) (757124-72-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,11			23 *
6:2 fluorotelomer sulfonic acid (6:2 FTS) (27619-97-2)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,10			24 *
8:2 fluorotelomer sulfonic acid (8:2 FTS) (39108-34-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,25			25 *
10:2 fluorotelomer sulfonic acid (10:2 FTS) (120226-60-0)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,25			26 *
Dodecafluoro-3h-4,8-dioxananoic acid (ADONA) (919005-14-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,10			27 *
Perfluoroundecanesulfonic acid (L-PFUnDS) (749786-16-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,20			28 *
Perfluorododecane sulfonic acid (L-PFDoDS)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,20			29 *

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VAT nr. 01500900269, R.E.A Treviso n. 156079 Fully paid up € 103.480,00.

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ANALYTICAL RESULTS

	Value/ Uncertainty	U.M.	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Row
(79780-39-5)				n. 40/2025					
Perfluorotridecanesulfonic acid (L-PFTrS)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,20			30 *
(791563-89-8)				n. 40/2025					
Perfluoro-n-tridecanoic acid (PFTrDA) (72629-94-8)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,28			31 *
(791563-89-8)				n. 40/2025					
Perfluoro-n-tetradecanoic acid (PFTeDA) (376-06-7)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,28			32 *
(791563-89-8)				n. 40/2025					
Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid) (9CL-PF3ONS) (756426-58-1)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,22			33 *
(756426-58-1)				n. 40/2025					
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CL-PF3OUDS) (763051-92-9)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,17			34 *
(763051-92-9)				n. 40/2025					
Perfluorooctane sulfonamide (PFOSA) (754-91-6)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,23			35 *
(754-91-6)				n. 40/2025					
PHOTOINIZIATORS							30/07/2026- -03/08/2026	08	36
Met.: AR 2009/051/A-CAP.12									
Benzophenone	0,85±0,28	mg/kg			0,010				37 *
4-methylbenzophenone + 3-methylbenzophenone	0,169±0,071	mg/kg			0,010				38 *
Isopropylthioxantone	0,038±0,017	mg/kg			0,010				39 *
2-ethylhexyl 4-(dimethylamino)benzoate	< LoQ	mg/kg			0,010				40 *
1-hydroxycyclohexylphenylketone	0,131±0,057	mg/kg			0,010				41 *
2,2-dimethoxy-2-phenylacetophenone	0,066±0,029	mg/kg			0,010				42 *
2-methyl-4'-(methylthio)-2-morpholinopropiophenone	0,026±0,011	mg/kg			0,010				43 *
2,4-diethylthioxanthone	0,143±0,061	mg/kg			0,010				44 *
4-hydroxybenzophenone	< LoQ	mg/kg			0,010				45 *
2-hydroxy-2-methylpropiophenone	0,065±0,029	mg/kg			0,010				46 *
4,4'-bis(dimethylamino)benzophenone	1,15±0,36	mg/kg			0,010				47 *
4,4'-bis(diethylamino)benzophenone	0,027±0,012	mg/kg			0,010				48 *
n-Ethyl-toluenesulfonamide	0,0200 ±0,0088	mg/kg			0,010				49 *
Ethyl 4-dimethylaminobenzoate	0,0140 ±0,0062	mg/kg			0,010				50 *
2-(dimethylamino) ethyl benzoate	< LoQ	mg/kg			0,010				51 *
2-methyl benzophenone	< LoQ	mg/kg			0,010				52 *
2,4,6-trimethylbenzophenone	< LoQ	mg/kg			0,010				53 *
TPO (Trimethylbenzoyl diphenylphosphine oxide)	0,54±0,19	mg/kg			0,010				54 *
2-benzyl-2-(dimethylamino)-4'-morpholinobutyrophenone (irgacure 369)	0,0140 ±0,0062	mg/kg			0,010				55 *
2-carboxybenzophenone	0,0180 ±0,0079	mg/kg			0,010				56 *
3-phenylphthalide	0,0200 ±0,0088	mg/kg			0,010				57 *
4-hydroxymethylbenzophenone	< LoQ	mg/kg			0,010				58 *
4-methoxymethylbenzophenone	< LoQ	mg/kg			0,010				59 *
4-benzoylbiphenyl	0,40±0,15	mg/kg			0,010				60 *
1-(4-((4-benzoylphenyl)thio)phenyl)-2-methyl-2-tosylpropan-1-one (esacure 1001)	< LoQ	mg/kg			0,010				61 *
benzene, (1-methylethenyl)-, homopolymer, ar-(2-hydroxy-2-methyl-1-oxopropyl) derivs	< LoQ	mg/kg			0,010				62 *
bis(4-(2-hydroxy-2bis(4-(2-hydroxy-2-methylpropionyl)phenyl)methane (irgacure 127)	< LoQ	mg/kg			0,010				63 *
2-hydroxy-1-(4-(hydroxyethoxy)phenyl)-2-methyl-1-propanone (irgacure 2959)	< LoQ	mg/kg			0,010				64 *
2-(4-methylbenzyl)-2-dimethylamino-1-(4-morpholinophenyl)-1-butanone (irgacure 379)	0,061±0,027	mg/kg			0,010				65 *
bis-trimethylbenzoyl phenylphosphine oxide (irgacure 801)	< LoQ	mg/kg			0,010				66 *
isoamyl 4-(dimethylamino)benzoate	< LoQ	mg/kg			0,010				67 *

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ANALYTICAL RESULTS

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Methyl-2-benzoylbenzoate	0,52±0,19	mg/kg			0,010				68 *
1-chloro-4-propoxy-thioxanthen-9-one (speedcure cptx)	< LoQ	mg/kg			0,010				69 *
4-dimethylamino benzophenone	< LoQ	mg/kg			0,010				70 *
POST TOP ASSAY PROCEDURE									71
POLYFLUORINATED ALKYL SUBSTANCES (PFAS)							29/07/2026- -07/08/2026	02	72
Met.: MP 2554 rev 2 2026 + MP 2218 rev 1 2023									
Perfluoro-n-butanoic acid (PFBA) (375-22-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			73 *
Perfluoro-n-pentanoic acid (PFPeA) (2706-90-3)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			74 *
Perfluoro-n-hexanoic acid (PFHxA) (307-24-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			75 *
Perfluoroheptanoic acid (PFHpA) (375-85-9)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			76 *
Perfluoro-n-octanoic acid (PFOA) (335-67-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			77 *
Perfluoro-n-nonanoic acid (PFNA) (375-95-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			78 *
Perfluoro-n-decanoic acid (PFDA) (335-76-2)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			79 *
Perfluorobutane sulfonic acid (L-PFBS) (375-73-5)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			80 *
Perfluorohexane sulfonic acid (L-PFHxS) (355-46- 4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			81 *
Perfluorooctane sulfoni acid (L-PFOS) (1763-23-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			82 *
Perfluoro-n-undecanoic acid (PFUnA) (2058-94-8)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			83 *
Perfluoro-n-dodecanoic acid (PFDoA) (307-55-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			84 *
Sum of PFOA (branched isomers)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			85 *
Sum of PFOS (branched isomers)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			86 *
Undecafluoro-2-methyl-3-oxahesanoic acid (HFPO dimer acid) (13252-13-6)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,33			87 *
Perfluorodecane sulfonic acid (L-PFDS) (335-77-3)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,10			88 *
Perfluoropentane sulfonic acid (L-PFPeS) (2706- 91-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,12			89 *
Perfluoroheptane sulfonic acid (L-PFHpS) (375-92- 8)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,14			90 *
Perfluorononane sulfonic acid (L-PFNS) (68259- 12-1)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,12			91 *
4:2 fluorotelomer sulfonic acid (4:2 FTS) (757124- 72-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,11			92 *
6:2 fluorotelomer sulfonic acid (6:2 FTS) (27619- 97-2)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,10			93 *
8:2 fluorotelomer sulfonic acid (8:2 FTS) (39108- 34-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,25			94 *
10:2 fluorotelomer sulfonic acid (10:2 FTS) (120226-60-0)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,25			95 *
Dodecafluoro-3h-4,8-dioxanonanoic acid (ADONA) (919005-14-4)	n.d.	µg/kg	<25	Regulation (EU) n. 40/2025	1,0	0,10			96 *
Perfluoroundecanesulfonic acid (L-PFUnDS)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,20			97 *

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ANALYTICAL RESULTS

	Value/ Uncertainty	U.M.	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Ro w
(749786-16-1)				n. 40/2025					
Perfluorododecane sulfonic acid (L-PFDoDS)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,20			98 *
(79780-39-5)				n. 40/2025					
Perfluorotridecanesulfonic acid (L-PFTrS)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,20			99 *
(791563-89-8)				n. 40/2025					
Perfluoro-n-tridecanoic acid (PFTrDA) (72629-94-8)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,28			100 *
(791563-89-8)				n. 40/2025					
Perfluoro-n-tetradecanoic acid (PFTeDA) (376-06-7)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,28			101 *
(791563-89-8)				n. 40/2025					
Perfluoro(2-((6-chlorohexyl)oxy)ethanesulfonic acid) (9CL-PF3ONS) (756426-58-1)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,22			102 *
(791563-89-8)				n. 40/2025					
11-chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11CL-PF3OUDS) (763051-92-9)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,17			103 *
(791563-89-8)				n. 40/2025					
Perfluorooctane sulfonamide (PFOSA) (754-91-6)	n.d.	µg/kg	<25	Regulation (EU)	1,0	0,23			104 *
(791563-89-8)				n. 40/2025					
Sum of per and polyfluorinated alkyl substances (pfas) post top assay procedure	<1,0	µg/kg							105 *

PRE AND POST TOP ASSAY PROCEDURE

SUM OF PER AND POLYFLUORINATED ALKYL SUBSTANCES (PFAS) PRE AND POST TOP ASSAY PROCEDURE	<1,0	µg/kg	<250	Regulation (EU)			29/07/2026- -07/08/2026	02	107 *
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Met.: MP 2554 rev 2 2026 + MP 2218 rev 1 2023

ON SAMPLE AS IT IS

PHTHALATES							29/07/2026- -04/08/2026	02	109
Met.: MP 2081 rev 1 2021									
Di-2-ethylhexylphthalate (DEHP)	n.d.	mg/kg			0,10	0,030			110 *
Benzyl butylphthalate (BBP)	n.d.	mg/kg			0,10	0,030			111 *
Di-butylphthalate (DBP)	n.d.	mg/kg			0,10	0,030			112 *
Di-n-octylphthalate (DNOP)	n.d.	mg/kg			0,10	0,030			113 *
Di-ethylphthalate (DEP)	n.d.	mg/kg			0,10	0,030			114 *
Di-methylphthalate (DMP)	n.d.	mg/kg			0,10	0,030			115 *
Di-isooctylphthalate (DIOP)	n.d.	mg/kg			1,0	0,30			116 *
Di-isononylphthalate (DINP)	n.d.	mg/kg			1,0	0,30			117 *
Di-isobutylphthalate (DIBP)	n.d.	mg/kg			0,10	0,030			118 *
Di-isodecylphthalate (DIDP)	n.d.	mg/kg			1,0	0,30			119 *
Di-cyclohexylphthalate (DCHP)	n.d.	mg/kg			0,10	0,030			120 *
Di-isoheptylphthalate (DIHP)	n.d.	mg/kg			1,0	0,30			121 *
Diheptyl phthalate	n.d.	mg/kg			0,10	0,030			122 *
Di-isopentylphthalate (DIPP)	n.d.	mg/kg			0,10	0,030			123 *
Diisopropylphthale	n.d.	mg/kg			0,10	0,030			124 *
Bis(2-ethoxyethyl)phthalate (DEEP)	n.d.	mg/kg			0,10	0,030			125 *
Diisohexylphthalate (DIHP)	n.d.	mg/kg			0,10	0,030			126 *
Butyl octyl phthalate	n.d.	mg/kg			0,10	0,030			127 *
Didecyl phthalate	n.d.	mg/kg			0,10	0,030			128 *
Didodecyl phthalate	n.d.	mg/kg			0,10	0,030			129 *
Di-pentylphthalate (DPP)	n.d.	mg/kg			0,10	0,030			130 *
Di-n-hexylphthalate (DHP)	n.d.	mg/kg			0,10	0,030			131 *
Bis 2-methoxyethyl phthalate	n.d.	mg/kg			0,10	0,030			132 *
Di(heptyl, nonyl, undecyl) phthalate	<1	mg/kg							133 *
Di-nonylphthalate (DNP)	n.d.	mg/kg			0,10	0,030			134 *
Di-n-undecyl phthalate	n.d.	mg/kg			1,0	0,30			135 *
n-pentyl-isopentylphthalate	n.d.	mg/kg			0,10	0,030			136 *
Di-octyl-terephthalate (DEHT)	n.d.	mg/kg			0,10	0,030			137 *
Ethyl isobutylphthalate	n.d.	mg/kg			0,10	0,030			138 *
Bis(2-propylheptyl)phthalate	n.d.	mg/kg			0,10	0,030			139 *
Diallyl phthalate	n.d.	mg/kg			0,10	0,030			140 *

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ANALYTICAL RESULTS

	Value/ Uncertainty	U.M.	Reference values	References	LoQ	LoD	Start/end date of analysis	Op. units	Ro w
Diphenylphthalate	n.d.	mg/kg			0,10	0,030			141 *
Di-n-propylphthalate (DPRP)	n.d.	mg/kg			0,10	0,030			142 *
HYDROCARBONS									
Met.: MP 2519 rev 3 2024 (ISO20122:2024)							28/07/2026- -07/08/2026	11	143
Total MOSH >=n-C10 to <=n-C50 (integrated)	1 100±170	mg/kg			10				144
MOSH >=C10 to <=C16	< LoQ	mg/kg			10				145
MOSH >=C10 to <=C35 (integrated)	820±120	mg/kg			10				146 *
MOSH >C16 to <=C20	37±11	mg/kg			10				147
MOSH >C20 to <=C25	180±27	mg/kg			10				148
MOSH >C25 to <=C35	590±89	mg/kg			10				149
MOSH >C35 to <=C40	150±23	mg/kg			10				150
MOSH >C40 to <=C50	130±20	mg/kg			10				151
Total MOSH >=n-C10 to <=n-C50 (calculated)	1 087±98	mg/kg							152
Total MOAH >=n-C10 to <=n-C50 (integrated)	180±43	mg/kg			3,0				153
MOAH >=C10 to <=C16	< LoQ	mg/kg			3,0				154
MOAH >=C10 to <=C35 (integrated)	100±24	mg/kg			3,0				155 *
MOAH >C16 to <=C25	34,0±8,2	mg/kg			3,0				156
MOAH >C25 to <=C35	65±16	mg/kg			3,0				157
MOAH >C35 to <=C50	84±20	mg/kg			3,0				158
Total MOAH >=n-C10 to <=n-C50 (calculated)	183,0±26,9	mg/kg							159

Operative units

Unit 02 : Via Castellana Resana (TV)

Unit 08 : Resana Via Castellana 118/b (TV) - sede B

Unit 11 : Via Marradi 41 Prato PO Accreditation ACCREDIA 00051

Information on test methods and/or requirements/specifications

Row (143) - Method: MP 2519 rev 3 2024 (ISO20122:2024) = The analytic technique applied is LC-GC/FID, after sample preparation according to scientific literature by K. Grob, M. Biedermann et al. in the period 2008 - 2013 (quantification by internal standard method). In particular the paper and cardboard samples are extracted with ethanol/hexane at room temperature for 2 hours; the extract is therefore washed with water, and the organic fraction analyzed by LC-GC/FID. A further purification step (epoxidation) is performed in case of presence of MOAH interferents, e.g. squalene. Plastic samples are extracted with hexane at room temperature. Concentration results are calculated by subtraction of sharp peaks overlying mineral oil humps.

The analysis is performed on paper parts for paper and cardboard samples and on plastic parts for plastic samples.

If present, this MOSH fraction can include POSH (Polyolefins Oligomeric Saturated Hydrocarbons) and PAO (Poly Alpha Olefins), chemically included and indistinguishable from MOSH: if POSH and PAO can be subtracted from MOSH pattern, their contribution is not included in the MOSH content and POSH and/or PAO presence is indicated as additional comment. Otherwise, in case POSH and PAO are present and cannot be excluded from MOSH content, their contribution is included in MOSH content and the MOSH result is accompanied by a comment that POSH and/or PAO are present and included in MOSH.

For plastic samples the presence of POSH is due to the nature itself of the sample material and therefore their content is not subtracted from MOSH content."

Aromatic MOAH, if present in the sample, are always associated with saturated MOSH at higher concentrations.

Additional information

At the moment there are no law limits for the specific migration of MOSH and MOAH.

The reference indications currently present are the following:

1) limit of the content of MOAH (Mineral Oil Aromatic Hydrocarbons) in food:

- 0.5 mg / kg for dry foods with low fat / oil content ($\leq$ 4% fat / oil)

- 1 mg / kg for foods with a higher fat / oil content ($>$ 4% fat / oil)

- 2 mg / kg for fats / oils

2) limit of the content of MOSH (Mineral Oil Saturated Hydrocarbons) in food: no limit has been proposed.

follow test report n. 26/000548085

information provided by the client

Sampled by: Customer
Place of origin: SWIFT SILLIKER (PTY) LTD 16 WARRINGTON RD CLAREMONT 7708 ZA
Description: OMS-26-02421 PAPER RECYCLED (CORRUSEAL WESTERN CAPE)

Chemical responsible
Operative units 02
Dott.ssa Barbara Scantamburlo
Chimico Ordine dei Chimici e dei Fisici - Provincia di Treviso Iscrizione n. A351
Num. certificato WSREF-80753129228975 emesso dall'ente certificatore ArubaPEC S.p.A. NG CA 3, ArubaPEC S.p.A., IT

Chemical responsible
Operative units 08
Dott. Enrico Nieddu
Chimico Ordine dei Chimici e dei Fisici- Provincia di Treviso Iscrizione n. A339
Num. certificato WSREF-39075729014939 emesso dall'ente certificatore ArubaPEC S.p.A. NG CA 3, ArubaPEC S.p.A., IT

Chemical responsible
Operative units 11
Dott. Emiliano Castellano
Chimico Ordine dei Chimici e dei Fisici della Toscana. N. 1631 - Sez. A
Num. certificato WSREF-84576807156345 emesso dall'ente certificatore ArubaPEC S.p.A. NG CA 3, ArubaPEC S.p.A., IT

- The line marked by a star (*) is not accredited by Accredia, member of MLA.
- If not otherwise specified, the uncertainty is extended and has been calculated with a coverage factor k=2 corresponding to a probability interval of about 95%. For parameters whose extended uncertainty is greater than the result, since it is not possible to express a negative concentration, the final result is expressed in square brackets, which mean that the true value is between zero, which is excluded, and the sum of the result with its extended uncertainty.
- LoD is the detection limit and identifies a confidence interval of zero with a probability interval of about 99%. - LoQ is the limit of quantification. "n.d" is not detected and indicates a value inferior to the LoD. "traces (X)" means a value between LoD and LoQ, this value is indicative. "<x" or ">x" indicate inferior or superior to the measurement field of the test. - Unless otherwise specified, sums of parameters are established based on the Lower Bound (L.B.) principle in which only parameters above LOQ are considered. In case all components of a sum are below their respective LOQ, the sum is reported as "<x", where x is the highest LOQ among the analytes involved in the calculation. - Analysis Starting date: date at which the sample is processed by the laboratory. Can include aliquoting and homogenization steps. Analysis End date: date at which the results are approved in LIMS by the laboratory. - In case of alteration of the sample the laboratory declines any responsibility on the results that can be influenced by the deviation in case the customer asks for the execution of the test anyway. - If the sampling is not carried out by the laboratory staff, the results obtained are considered referring to the sample as received and the laboratory declines its responsibility for the results calculated considering the sampling data provided by the Customer. The name and contact information of the Customer are always provided by the Customer. In case of sampling performed by the customer, the sample matrix reported in the test report is considered information provided by the customer.
- If there is a specification (customer specifications, law limits) which has been compared to the analytical results, the values shown in bold indicate a result which is out of the specification. - If not differently specified the judgments of compliance /non-compliance eventually reported are referred to analysed parameters and are based on the comparison of the value with the reference values without considering the confidence interval of measure.