

Test Report

No.: 70.431.25.20724.01

Date: 2026-01-05



Applicant: PF CONCEPT INTERNATIONAL COÖPERATIEF U.A.
Address: SCHIPHOLWEG 59 2316 ZL LEIDEN THE NETHERLANDS
Item No: 13013907-Oatmeal/ 13013932-Brick/ 13013955-Hale Blue/ 13013964-Forest green/ 13013982-Grey/ 13013990-Black/ 13014007-Oatmeal/ 13014032-Brick/ 13014055-Hale Blue/ 13014064-Forest green/ 13014082-Grey/ 13014090-Black/ 13014107-Oatmeal/ 13014132-Brick/ 13014155-Hale Blue/ 13014164-Forest green/ 13014182-Grey/ 13014190-Black
Description: Resi plus wallet / Resi plus charm keychain / Resi pl Rectangle keychain
PO No.: PO#673031/673036/673070
Vendor No.: #11873
Factory No.: #14086
Country of Origin: CHINA
Country of Destination: EU
Receipt Date of Sample: 2025-12-25
Date of Testing: 2025-12-25 ~ 2026-01-05
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content	Pass
2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content	Pass
3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azocolourants Content	Pass
4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Azo Dyes Content	Pass
5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Dyestuff Content	Pass
6. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Phthalates Content	Pass
7. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Benzene Content	Pass
8. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Extractable heavy metals	Pass
9. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Quinoline	Pass
10. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Chlorotoluenes content	Pass
11. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Dimethylformamide, N,N-dimethylacetamide (DMAC), N-Methyl-2-pyrrolidone Content	Pass
12. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Polycyclic Aromatic Hydrocarbons (PAHs)	Pass
13. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Formaldehyde Content	Pass
14. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content	Pass
15. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Phthalates	Pass
16. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Tris(2-chloroethyl) phosphate (TCEP)	<0.1%(W/W)

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Test Item	Conclusion
17. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320), 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328), 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) and 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	<0.1%(W/W)
18. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	<0.1%(W/W)
19. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Dibutylbis(pentane-2,4dionato-O,O')tin Content	<0.1%(W/W)
20. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) -2-methylimidazole Content	<0.1%(W/W)

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. <= Less than
4. 1 mg/kg = 1 ppm = 0.0001%

TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

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Description of Tested Subject:

Sample	Description	Photo
001	Resi plus wallet	
002	Resi plus charm keychain	
003	Resi pl Rectangle keychain	

T. No	Sample	Description
T1	004	Oatmeal PU (main, 001~003)
T2	005	Brick PU (main, 001~003)
T3	006	Hale Blue PU (main, 001~003)
T4	007	Forest green PU (main, 001~003)
T5	008	Grey PU (main, 001~003)
T6	009	Black PU (main, 001~003)
T7	010	Black fabric with PU coating (lining, 001)

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T. No	Sample	Description
T8	011	Black fabric (zipper tape, 001)
T9	012	Black plastic (zipper teeth, 001)
T10	013	Black metal (zipper head, 001)
T11	014	Black fabric (webbing, 001)
T12	015	Black fabric (inner binding, 001)
T13	016	White coated fabric with black printing (label, 001)
T14	017	Silvery metal (hook, 001~003)
T15	018	Silvery metal (ring, 001~003)



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Test Result(s):

1. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content

Test with reference to EN 1122:2001 Method B, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
004+005+006	mg/kg	10.0	100	ND	Pass
007+008+009	mg/kg	10.0	100	ND	Pass
010+011	mg/kg	10.0	100	ND	Pass
012	mg/kg	10.0	100	ND	Pass
013+017+018	mg/kg	10.0	100	ND	Pass
014+015+016	mg/kg	10.0	100	ND	Pass

2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content

Test with reference to in-house method, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
004+005+006	mg/kg	10.0	500	ND	Pass
007+008+009	mg/kg	10.0	500	ND	Pass
010+011	mg/kg	10.0	500	ND	Pass
012	mg/kg	10.0	500	ND	Pass
013	mg/kg	10.0	500	17.3	Pass
014+015+016	mg/kg	10.0	500	ND	Pass
017	mg/kg	10.0	500	33.5	Pass
018	mg/kg	10.0	500	19.6	Pass

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3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 43 - Azocolourants Content

Test with reference to EN ISO 14362-1:2017, determination by GC-MS, HPLC-DAD..

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006 Colorant extraction	007+008+009 Colorant extraction
4-aminobiphenyl	92-67-1	mg/kg	5.0	30	ND	ND
Benzidine	92-87-5	mg/kg	5.0	30	ND	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5.0	30	ND	ND
2-naphthylamine	91-59-8	mg/kg	5.0	30	ND	ND
o-aminoazotoluene	97-56-3	mg/kg	5.0	30	ND	ND
5-nitro-o-toluidine	99-55-8	mg/kg	5.0	30	ND	ND
4-chloroaniline	106-47-8	mg/kg	5.0	30	ND	ND
2,4-diaminoaniline	615-05-4	mg/kg	5.0	30	ND	ND
4,4'- diaminodiphenylmethane	101-77-9	mg/kg	5.0	30	ND	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5.0	30	ND	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5.0	30	ND	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5.0	30	ND	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5.0	30	ND	ND
p-cresidine	120-71-8	mg/kg	5.0	30	ND	ND
4,4'-methylene-bis-(2-chloro- aniline)	101-14-4	mg/kg	5.0	30	ND	ND
4,4'-oxydianiline	101-80-4	mg/kg	5.0	30	ND	ND
4,4'-thiodianiline	139-65-1	mg/kg	5.0	30	ND	ND
o-toluidine	95-53-4	mg/kg	5.0	30	ND	ND
2,4-toluenediamine	95-80-7	mg/kg	5.0	30	ND	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5.0	30	ND	ND
2-methoxyaniline	90-04-0	mg/kg	5.0	30	ND	ND
2,4-xylidine	95-68-1	mg/kg	5.0	30	ND	ND
2,6-xylidine	87-62-7	mg/kg	5.0	30	ND	ND
4-aminoazobenzene	60-09-3	mg/kg	5.0	30	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					010 Colorant extraction
4-aminobiphenyl	92-67-1	mg/kg	5.0	30	ND
Benzidine	92-87-5	mg/kg	5.0	30	ND
4-chloro-o-toluidine	95-69-2	mg/kg	5.0	30	ND
2-naphthylamine	91-59-8	mg/kg	5.0	30	ND
o-aminoazotoluene	97-56-3	mg/kg	5.0	30	ND
5-nitro-o-toluidine	99-55-8	mg/kg	5.0	30	ND
4-chloroaniline	106-47-8	mg/kg	5.0	30	ND
2,4-diaminoaniline	615-05-4	mg/kg	5.0	30	ND
4,4'-diaminodiphenylmethane	101-77-9	mg/kg	5.0	30	ND
3,3'-dichlorobenzidine	91-94-1	mg/kg	5.0	30	ND
3,3'-Dimethoxybenzidine	119-90-4	mg/kg	5.0	30	ND
3,3'-dimethylbenzidine	119-93-7	mg/kg	5.0	30	ND
4,4'-methylenedi-o-toluidine	838-88-0	mg/kg	5.0	30	ND
p-cresidine	120-71-8	mg/kg	5.0	30	ND
4,4'-methylene-bis-(2-chloro-aniline)	101-14-4	mg/kg	5.0	30	ND
4,4'-oxydianiline	101-80-4	mg/kg	5.0	30	ND
4,4'-thiodianiline	139-65-1	mg/kg	5.0	30	ND
o-toluidine	95-53-4	mg/kg	5.0	30	ND
2,4-toluenediamine	95-80-7	mg/kg	5.0	30	ND
2,4,5-trimethylaniline	137-17-7	mg/kg	5.0	30	ND
2-methoxyaniline	90-04-0	mg/kg	5.0	30	ND
2,4-xylidine	95-68-1	mg/kg	5.0	30	ND
2,6-xylidine	87-62-7	mg/kg	5.0	30	ND
4-aminoazobenzene	60-09-3	mg/kg	5.0	30	ND
Conclusion					Pass

Interpretation of test results:

- (1) In the case of the measured value per amine component ≤ 30 mg/kg and according to the analysis carried out, the azo colourants banned under the Annex XVII of Regulation (EC) No. 1907/2006, REACH are not detected in the article submitted.
- (2) Banned AZO dyes in accordance to REACH regulation (EC) No. 1907/2006 and Amendment No. 552/2009 Annex XVII Item 43 (formerly known as 2002/61/EC)

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4. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Azo Dyes Content

Test with reference to EN ISO 14362-1:2017,determination by GC-MS,HPLC-DAD.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006 Colorant extraction	007+008+009 Colorant extraction
4-Chloro-o-toluidinium chloride	3165-93-3	mg/kg	5.0	30	ND	ND
2-Naphthylammoniumacetate	553-00-4	mg/kg	5.0	30	ND	ND
4-Methoxy-m-phenylene diammonium sulphate	39156-41-7	mg/kg	5.0	30	ND	ND
2,4,5-Trimethylaniline hydrochloride	21436-97-5	mg/kg	5.0	30	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					010 Colorant extraction	
4-Chloro-o-toluidinium chloride	3165-93-3	mg/kg	5.0	30	ND	
2-Naphthylammoniumacetate	553-00-4	mg/kg	5.0	30	ND	
4-Methoxy-m-phenylene diammonium sulphate	39156-41-7	mg/kg	5.0	30	ND	
2,4,5-Trimethylaniline hydrochloride	21436-97-5	mg/kg	5.0	30	ND	
Conclusion					Pass	

5. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Dyestuff Content

Test with reference to DIN 54231:2022, determination by LC-MS-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006	007+008+009
C.I. Basic Red 9	569-61-9	mg/kg	7.5	50	ND	ND
C.I. Disperse Blue 1	2475-45-8	mg/kg	7.5	50	ND	ND
Basic Violet 3	548-62-9	mg/kg	7.5	50	ND	ND
Conclusion					Pass	Pass

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6. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Phthalates Content

Test with reference to ISO 14389:2022, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006	007+008+009
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	mg/kg	50	-	ND	ND
Bis(2-methoxyethyl)phthalate (DMEP)	117-82-8	mg/kg	50	-	ND	ND
Diisopentyl phthalate (DiPP)	605-50-5	mg/kg	50	-	ND	ND
Dipentyl phthalate (DPP)	131-18-0	mg/kg	50	-	ND	ND
Di-n-hexyl phthalate (DnHP)	84-75-3	mg/kg	50	-	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	mg/kg	50	-	ND	ND
Dibutyl phthalate, (DBP)	84-74-2	mg/kg	50	-	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	mg/kg	50	-	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	mg/kg	50	-	ND	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	mg/kg	50	-	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	mg/kg	50	-	ND	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	mg/kg	50	-	ND	ND
n-Pentyl-isopentylphthalate (nPiPP)	776297-69-9	mg/kg	50	-	ND	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	mg/kg	50	-	ND	ND
Diisooctyl phthalate (DIOP)	27554-26-3	mg/kg	50	-	ND	ND
Di-iso-hexyl phthalate, DiHxP	71850-09-4	mg/kg	50	-	ND	ND
Sum of detected phthalates	-	mg/kg	50	1000	ND	ND
Conclusion					Pass	Pass

7. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Benzene Content

Test with reference to US EPA 3550C:2007, determination by GC-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			004	005
Benzene	5	5	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			006	007
Benzene	5	5	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			008	009
Benzene	5	5	ND	ND
Conclusion			Pass	Pass

8. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Extractable heavy metals

Test with reference to EN 16711-2:2015, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			004	005
Cadmium As (Cd)	0.1	1	ND	ND
Arsenic As (As)	0.2	1	ND	ND
Chromium VI (Cr VI)*	0.5	1	ND	ND
Lead As (Pb)	0.2	1	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			006	007
Cadmium As (Cd)	0.1	1	ND	ND
Arsenic As (As)	0.2	1	ND	ND
Chromium VI (Cr VI)*	0.5	1	ND	ND
Lead As (Pb)	0.2	1	ND	ND
Conclusion			Pass	Pass

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Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			008	009
Cadmium As (Cd)	0.1	1	ND	ND
Arsenic As (As)	0.2	1	ND	ND
Chromium VI (Cr VI)*	0.5	1	ND	ND
Lead As (Pb)	0.2	1	ND	ND
Conclusion			Pass	Pass

Remark: *=Chromium VI was determined by screening of chromium.

9. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Quinoline

Test with reference to DIN 54231:2022, determination by LC-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			004+005+006	007+008+009
Quinoline	10	50	ND	ND
Conclusion			Pass	Pass

10. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Chlorotoluenes content

Test with reference to EN 17137:2024, determination by GC-MS.

Parameter	MDL [ppm]	Limit [ppm]	Result(s) [ppm]	
			004+005+006	007+008+009
p-Chlorobenzotrichloride	0.1	1	ND	ND
Benzotrichloride	0.1	1	ND	ND
BenzylChloride	0.1	1	ND	ND
Conclusion			Pass	Pass

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11. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Dimethylformamide, N,N-dimethylacetamide (DMAC), N-Methyl-2-pyrrolidone Content

Test with reference to ISO 16189:2021, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006	007+008+009
Dimethylformamide (DMFA)	68-12-2	mg/kg	100	3000	119	ND
1-Methyl-2-pyrrolidone	872-50-4	mg/kg	100	3000	ND	ND
N,N-dimethylacetamide (DMAC)	127-19-5	mg/kg	100	3000	ND	ND
Conclusion					Pass	Pass

12. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Polycyclic Aromatic Hydrocarbons (PAHs)

Test with reference to AfPS GS 2019:01PAK, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006	007+008+009
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	1	ND	ND
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	1	ND	ND
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	1	ND	ND
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	1	ND	ND
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	1	ND	ND
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	1	ND	ND
Chrysene (CHR)	218-01-9	mg/kg	0.1	1	ND	ND
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	1	ND	ND
Conclusion					Pass	Pass

13. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 72 - Formaldehyde Content

Test with reference to ISO 14184-1:2011, determination by UV-Vis.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			004+005+006	007+008+009
Formaldehyde	16	75	ND	ND
Conclusion			Pass	Pass

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14. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 51 & 52 - Phthalates Content

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006	007+008+009
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	ND
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	ND
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	ND
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	ND
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	ND
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	ND
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	ND
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	ND
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					010	
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	ND	
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	ND	
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	ND	
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	ND	
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	0.1	ND	
Di-isononyl phthalate, DINP	28553-12-0 /68515-48-0	%	0.005	-	ND	
Di-isodecyl phthalate, DIDP	26761-40-0 /68515-49-1	%	0.005	-	ND	
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	ND	
Sum of DINP, DIDP, DNOP	-	%	0.005	0.1	ND	
Conclusion					Pass	

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15. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Phthalates

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					004+005+006	007+008+009
Benzylbutylphthalate (BBP)	85-68-7	%	0.01	0.1	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.01	0.1	ND	ND
Dibutylphthalate (DBP)	84-74-2	%	0.01	0.1	ND	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%	0.01	0.1	ND	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.01	0.1	ND	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.01	0.1	ND	ND
N-pentyl-isopentylphthalate	776297-69-9	%	0.01	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.01	0.1	ND	ND
Di-n-hexyl phthalate (DnHP/DHP/DHEXP)	84-75-3	%	0.01	0.1	ND	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	%	0.01	0.1	ND	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.01	0.1	ND	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	%	0.01	0.1	ND	ND
Diisohexyl phthalate (DIHxP)	71850-09-4	%	0.01	0.1	ND	ND
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					010
Benzylbutylphthalate (BBP)	85-68-7	%	0.01	0.1	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.01	0.1	ND
Dibutylphthalate (DBP)	84-74-2	%	0.01	0.1	ND
Diisobutyl Phthalate (DIBP)	84-69-5	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	%	0.01	0.1	ND
Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	%	0.01	0.1	ND
Diisopentylphthalate (DIPP)	605-50-5	%	0.01	0.1	ND
N-pentyl-isopentylphthalate	776297-69-9	%	0.01	0.1	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.01	0.1	ND
Di-n-hexyl phthalate (DnHP/DHP/DHEXP)	84-75-3	%	0.01	0.1	ND
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	%	0.01	0.1	ND
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5, 68648-93-1	%	0.01	0.1	ND
Dicyclohexyl phthalate(DCHP)	84-61-7	%	0.01	0.1	ND
Diisohexyl phthalate (DIHxP)	71850-09-4	%	0.01	0.1	ND
Conclusion					Pass

16. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Tris(2-chloroethyl) phosphate (TCEP)

Test with reference to in-house method, determination by LC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					004+005+006+007+008+009+010
Tris (2-chloroethyl) phosphate	115-96-8	%	0.01	0.1	ND

17. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - 2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320), 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328), 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327) and 2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)

Test with reference to in-house method, determination by LC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					004+005+006+007+008+009+010+011+012+014
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	mg/kg	100	1000	ND
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	mg/kg	100	1000	ND
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	mg/kg	100	1000	ND
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	mg/kg	100	1000	ND
2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	mg/kg	100	1000	ND
Bumetrizole (UV-326)	3896-11-5	mg/kg	100	1000	ND

18. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)

Test with reference to in house method and determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					004+005+006+007+008+009+010+011+012+014
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP)	-	% w/w	0.01	0.1	ND

19. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Dibutylbis(pentane-2,4dionato-O,O')tin Content

Test with reference to in house method and determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					004+005+006+007+008+009+010+011+012+014
Dibutylbis(pentane-2,4dionato-O,O')tin	22673-19-4 (245-152-0)	% w/w	0.01	0.1	ND

20. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) -2-methylimidazole Content

Test with reference to in house method and determination by GC-MS,HPLC-DAD..

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					004+005+006+007+008+009+010+011+012+014
2-methylimidazole	693-98-1	% w/w	0.01	0.1	ND

-End of Test Report-