LAVA GROUP S.C.,/REITER POLSKA SP.Z O.O,

Technical Report: **(8823)353-0110(R1)** Feb 1, 2024
Date Received: Dec 19, 2023

LAVA GROUP S.C.,/REITER POLSKA SP.Z O.O,
EUGENIUSZA ROMERA 4B, 02-784 WARSAW, POLAND

Sample Description:	PRIMO COLLECTION 100% POLYESTER BACKPACK/SPORTS BAG/WAIST BAG/COSMETIC BAG		
Vendor:	N/A	Sample Size:	1PC FOR EACH ITEM
Manufacturer:	N/A	Style No(s):	LPN160/LSN160/LNN160/ FT160/LPN150/LSN150/ LNN150/FT150/FT140
Labeled Age Grade:	NOT RECORD	SKN/SKU No.:	NOT PROVIDE
Appropriate Age Grade:	NOT REQUESTED	PO No.:	OR-5616/OR-5630/ OR-5709/OR-5723
Client Specified Age Grade:	ADULT	Ref #:	NOT PROVIDE
Tested Age Grade:	ADULT	Country of Origin:	CHINA
UPC Code:	N/A	Assortment No.:	NOT PROVIDE
Colour:	BLACK	Category:	PRIMO
Test Starting Date:	DEC 19, 2023	Test Finished Date:	JAN 4, 2024

EXECUTIVE SUMMARY:

Test Requested	Conclusion
Total heavy metal content requirement of the client's specification.	PASS
Nickel spot (qualitative) test requirement of the client's specification.	DATA
Listed aromatic amines (azocolourants) content requirement of the client's specification.	PASS
Allergenic Dyes, Carcinogenic Dyes and Other Banned Dyestuffs Content - Client's Specification	PASS
Formaldehyde content requirement of the client's specification.	PASS

To be continued

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REMARK

If there are questions or concerns on this report, please contact the following persons:
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EXECUTIVE SUMMARY:

Test Requested	Conclusion
Polycyclic aromatic hydrocarbons (PAHs) content requirement of the client's specification.	PASS
Quinoline Content requirement of the client's specification.	PASS
Ortho-phthalic acid esters content requirement of the client's specification.	DATA
Phthalates content requirement of the client's specification.	PASS
Organotin content requirement of the client's specification.	PASS
Alkylphenol (AP) and alkylphenol ethoxylates (APEO) content requirement of the client's specification.	PASS
Short chain chlorinated paraffins (SCCPs) content requirement of the client's specification.	PASS
Bisphenol A (BPA) content requirement of the client's specification.	PASS
Bisphenol S (BPS) content requirement of the client's specification.	PASS
Bisphenol F (BPF) content requirement of the client's specification.	PASS
Volatile Organic Compounds requirement of the client's specification.	PASS

Note: The composite test sample(s) of the submitted samples was prepared in the manner requested by the client, when subject to the test performed.

Note: At the request of client, test(s) was conducted on the certain component(s) of the submitted samples(s) / submitted component(s).

Tested Component(s) Description List:

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Black coating	Zipper，rectangle	-
I002	White/black coating	Sewn label	-
I003	Black plastic	Zipper teeth	-
I004	Deep black plastic	Buckle	-
I005	Black PVC/black fabric with white thread	Body	-
I006	Transparent PVC	Bag lining	-
I007	Grey soft plastic	Reinforce of edge	-
I008	Black foam	Filler of bottom	-
I009	Black soft plastic	Elastic band	-
I010	Off black soft plastic	Reinforce of edge	-
I011	White fabric	Sewn label	-
I012	Black fabric	Zipper tape	-
I013	Off black fabric	Belt	-
I014	Deep black fabric	Binding	-
I015	Black thread/black hook and loop fastener	Velcro	-
I016	Bright black fabric	Bottom lining	-
I017	Dull black fabric	Elastic band of backpack	-
I018	Black net fabric	Bag of backpack	-
I019	Matt black fabric	Belt，back	-
I020	Yellow thread/black fabric	Body	-
I021	Cyan thread/black fabirc	Small bag body	-
I022	Orange thread/black fabric	Small bag body	-
I023	Silvery metal	Zipper head	-
I024	Silvery metal	Zipper puller	-
I025	Silvery metal	Rectangle	-
I026	Black hook and loop fastener	Velcro	-
I027	Black fabric	Body	-
I028	Black printed silvery metal	Zipper	-

RESULTS:

Total Heavy Metal Content – Client's Specification

Test Method : Acid digestion followed by Atomic Absorption Spectrophotometry or Inductively Coupled Plasma Spectrometry.

Analyte	Pb	Cd
Client's Limit (mg/kg)	90	100

Analyte	Pb	Cd	Conclusion
Test Item(s)	Result (mg/kg)		
I001+I002	ND	ND	PASS
I005+I006	ND	ND	PASS
I008+I009+I010	ND	ND	PASS
I023	28	ND	PASS
I024	21	ND	PASS
I025	23	ND	PASS

Note / key:

Cd = Cadmium Pb = Lead
ND = Not detected
mg/kg = milligram(s) per kilogram (ppm=parts per million)
Detection Limit (mg/kg) : Each 10

RESULTS:

Nickel Spot (Qualitative) Test – Client's Specification

Maximum allowable limit:	Negative

Test Item(s)	Result	Conclusion
	Nickel Spot Test	
I028	NEGATIVE	DATA

Remark:

Positive result indicated nickel release from a tested surface is likely to be found on the tested component. The apparent present of nickel release should be confirmed by EN 1811 or EN 12472 (followed by EN 1811), as appropriate.

RESULTS:

AROMATIC AMINES (AZOCOLOURANTS) CONTENT (Client's specification)

Test Method I: EN 14362-1:2017
Test Method II : ISO 17234-1:2020
Test Method III : EN 14362-3:2017 (For textile)/ ISO 17234-2:2011 (For leather)
Quantification analysis by GC-MS and confirmation by LC-DAD.

Test Parameter:		Aromatic Amines (Azocolourants)		
Requirement:		20 mg/kg		
Test Item(s)	Test Method	Detected Amine Number	Concentration (mg/kg (ppm))	Conclusion
I012+I013+I014	I	-	ND	PASS
I016+I017+I018	I	-	ND	PASS
I019+I026+I027	I	-	ND	PASS

ND = Not Detected (Detection Limit = 5 mg/kg (ppm))
mg/kg = milligrams per kilogram
ppm = parts per million
NR = Not Requested
* = The specimen is a minor component. As only a reduced mass (< 0.5 g) could be used for the test the result may have a greater uncertainty due to lower material homogeneity

Amine No. = Refer to List of Banned Amines for the description of the detected Amine.

Remark:
The list of aromatic amines in azo colorants is summarized in table of Appendix.

RESULTS:

LIST OF BANNED AMINES Specified Amines		
Number	Chemical Name	CAS Number
1.	4-aminobiphenyl	92-67-1
2.	Benzidine	92-87-5
3.	4-chloro-o-toluidine	95-69-2
4.	2-naphthylamine	91-59-8
5.	o-aminoazotoluene	97-56-3
6.	5-nitro-o-toluidine	99-55-8
7.	4-chloroaniline	106-47-8
8.	4-methoxy-m-phenylenediamine	615-05-4
9.	4,4'-diaminodiphenylmethane	101-77-9
10.	3,3'-dichlorobenzidine	91-94-1
11.	3,3'-dimethoxybenzidine	119-90-4
12.	3,3'-dimethylbenzidine	119-93-7
13.	4,4'-methylenedi-o-toluidine	838-88-0
14.	p-cresidine	120-71-8
15.	4,4'-methylene-bis-(2-chloro-aniline)	101-14-4
16.	4,4'-oxydianiline	101-80-4
17.	4,4'-thiodianiline	139-65-1
18.	o-toluidine	95-53-4
19.	4-methyl-m-phenylenediamine	95-80-7
20.	2,4,5-trimethylaniline	137-17-7
21.	o-anisidine	90-04-0
22.	4-amino azobenzene	60-09-3
23.	2,4-Xylidine	95-68-1
24.	2,6-Xylidine	87-62-7
25.	4-Chloro-o-toluidinium chloride	3165-93-3
26.	2-Naphthylammoniumacetate	553-00-4
27.	2,4-Diaminoanisole sulphate	39156-41-7
28.	2,4,5-Trimethylaniline hydrochloride	21436-97-5

RESULTS:

Allergenic Dyes, Carcinogenic Dyes and Other Banned Dyestuffs Content - Client's Specification

Test Method : DIN 54231: 2022

Client's Limit :	50 mg/kg (Each)

Test Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
I012+I013+I014	ND	ND	mg/kg	PASS
I016+I017+I018	ND	ND	mg/kg	PASS
I019+I026+I027	ND	ND	mg/kg	PASS

Note / Key :
ND = Not detected ">" = Greater than Conc. = Concentration
mg/kg = milligram(s) per kilogram
LFGB = Lebensmittel-, Bedarfsgegenstände- und Futtermittelgesetzbuch = Food, Commodities and Feed Code
Detection Limit (mg/kg) : Each : 15

Remark :
- The list of allergenic dyes, carcinogenic dyes and other banned dyestuffs is summarized in table of Appendix.

APPENDIX

List of Allergenic Dyes, Carcinogenic Dyes and Other Banned Dyestuffs :					
No.	**Name of Analyte(s)**	**CAS-No.**	**No.**	**Name of Analyte(s)**	**CAS-No.**
1	Disperse blue 1	2475-45-8	19	Disperse yellow 39	12236-29-2
2	Disperse blue 3	2475-46-9	20	Disperse yellow 49	54824-37-2
3	Disperse blue 7	3179-90-6	21	Disperse brown 1	23355-64-8
4	Disperse blue 26	3860-63-7	22	Basic violet 14	632-99-5
5	Disperse blue 35	56524-76-6/ 56524-77-7	23	Basic violet 3	548-62-9
6	Disperse blue 102	69766-79-6	24	Basic blue 26	2580-56-5
7	Disperse blue 106	12223-01-7	25	Basic red 9	569-61-9
8	Disperse red 1	2872-52-8	26	Disperse blue 124	61951-51-7
9	Disperse red 11	2872-48-2	27	Acid red 26	3761-53-3
10	Disperse red 17	3179-89-3	28	Direct black 38	1937-37-7
11	Disperse orange 1	2581-69-3	29	Direct Blue 6	2602-46-2
12	Disperse orange 3	730-40-5	30	Direct red 28	573-58-0
13	Disperse orange 11	82-28-0	31	4,4'-bis(dimethylamino)-4"-(methylamino) tniyl alcohol [1]	561-41-1
14	Disperse orange 37/59/76	13301-61-6	32	C.I. Pigment Yellow 34 [1]	1344-37-2
15	Disperse yellow 1	119-15-3	33	Michler's ketone [1]	90-94-8
16	Disperse yellow 3	2832-40-8	34	Michler's base [1]	101-61-1
17	Solvent Yellow 14	842-07-9	35	C.I. Pigment Red 104 [1]	12656-85-8
18	Disperse yellow 9	6373-73-5	36	C.I. Solvent Blue 4 [1]	6786-83-0

CAS-No. = Chemical Abstracts Service registry number

RESULTS:

Formaldehyde Content in Textiles – Client's Specification

Test Method : ISO 14184-1: 2011

Client's Limit :	75 mg/kg

Test Item(s)	Result	Unit	Conclusion
	Formaldehyde		
I012+I013	ND	mg/kg	PASS
I014+I015+I016	ND	mg/kg	PASS
I017+I018+I019	ND	mg/kg	PASS
I020+I021+I022	ND	mg/kg	PASS

Note / key:

ND = Not detected
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg) : 16

RESULTS:

Polycyclic Aromatic Hydrocarbons (PAHs) Content – Client's Specification

Test Method : With reference to test method mentioned in German AfPS GS 2019:01 PAK

No	Parameter	CAS-No.	Limit (mg/kg)	Result		
				Test Item(s)		
				I003+I004	I006	-
1	Benzo (a) anthracene	56-55-3	0.5	ND	ND	-
2	Chrysene	218-01-9	0.5	ND	ND	-
3	Benzo (b) fluoranthene	205-99-2	0.5	ND	ND	-
4	Benzo (k) fluoranthene	207-08-9	0.5	ND	ND	-
5	Benzo (j) fluoranthene	205-82-3	0.5	ND	ND	-
6	Benzo (e) pyrene	192-97-2	0.5	ND	ND	-
7	Benzo (a) pyrene	50-32-8	0.5	ND	ND	-
8	Dibenzo (a,h) anthracene	53-70-3	0.5	ND	ND	-
9	Benzo (g,h,i) perylene	191-24-2	0.5	ND	ND	-
10	Indeno (1,2,3-cd) pyrene	193-39-5	0.5	ND	ND	-
11	Naphthalene	91-20-3	1	ND	0.34	-
12	Acenaphthylene	208-96-8	Sum of No.12 to No.18 PAHs: 5	ND	0.38	-
13	Acenaphthene	83-32-9		ND	ND	-
14	Fluorene	86-73-7		ND	ND	-
15	Phenanthrene	85-01-8		ND	0.62	-
16	Anthracene	120-12-7		ND	ND	-
17	Fluoranthene	206-44-0		ND	0.22	-
18	Pyrene	129-00-0		ND	0.36	-
	Conclusion		-	PASS	PASS	-

Note / key:

ND = Not detected ">" = Greater than Conc. = Concentration
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg): Each PAHs: 0.2; Sum of all PAHs: 0.2

RESULTS:

Quinoline Content – Client's Specification

Test Method : Sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer.

Client's Limit :	50 mg/kg

Test Item(s)	Result	Unit	Conclusion
	Quinoline		
I012+I013+I014	ND	mg/kg	PASS
I016+I017+I018	ND	mg/kg	PASS
I019+I026+I027	ND	mg/kg	PASS

Note / key:

ND = Not detected
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg) : 5

RESULTS:

Ortho-phthalic acid esters Content – Client's Specification

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Client's Limit:	/

Test Item(s)	Result	Unit	Conclusion
	Ortho-phthalic acid esters		
I001+I002	ND	%	DATA
I003+I004	ND	%	DATA
I005	ND	%	DATA
I006	ND	%	DATA
I007+I008	ND	%	DATA
I009+I010	ND	%	DATA

Note / key:

ND = Not detected % = percent 10000 mg/kg = 1 %
mg/kg = milligram(s) per kilogram
Detection Limit (%) : 0.005

RESULTS:

Phthalates Content – Client's Specification

Test Method : With reference to U. S. CPSC-CH-C1001-09.4 (January 17, 2018)

Test Parameter:	BBP	DBP	DEHP	DNOP	DINP	DIDP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)						Conclusion
I001+I002	ND	ND	0.012	ND	ND	ND	PASS
I003+I004	ND	ND	ND	ND	ND	ND	PASS
I005	ND	ND	ND	ND	ND	ND	PASS
I007+I008	ND	ND	ND	ND	ND	ND	PASS
I009+I010	ND	ND	ND	ND	ND	ND	PASS

Test Parameter:	DnHP	DIBP	DCHP	DMEP	DDHOP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)					Conclusion
I001+I002	ND	ND	ND	ND	ND	PASS
I003+I004	ND	ND	ND	ND	ND	PASS
I005	ND	ND	ND	ND	ND	PASS
I007+I008	ND	ND	ND	ND	ND	PASS
I009+I010	ND	ND	ND	ND	ND	PASS

Test Parameter:	DIHP-B	DPP	DPENP	DIPP	PIPP	-
Limit (%):	0.1	0.1	0.1	0.1	0.1	-
Test Item(s)	Result (%)					Conclusion
I001+I002	ND	ND	ND	ND	ND	PASS
I003+I004	ND	ND	ND	ND	ND	PASS
I005	ND	ND	ND	ND	ND	PASS
I007+I008	ND	ND	ND	ND	ND	PASS
I009+I010	ND	ND	ND	ND	ND	PASS

RESULTS:

Test Parameter:	DIHP-A	DHNUP	DEP	DMP	TBPH	-
Limit (%):	0.1	0.1	0.1	0.1	0.01	-
Test Item(s)	Result (%)					Conclusion
I001+I002	ND	ND	ND	ND	ND	PASS
I003+I004	ND	ND	ND	ND	ND	PASS
I005	ND	ND	ND	ND	ND	PASS
I007+I008	ND	ND	ND	ND	ND	PASS
I009+I010	ND	ND	ND	ND	ND	PASS

Note / key:

BBP = Butyl benzyl phthalate
DBP = Dibutyl phthalate
DEHP = Di(2-ethylhexyl) phthalate
DNOP = Di-n-octyl phthalate
DINP = Di-iso-nonyl phthalate
DMEP = di-methoxy-ethyl phthalate
DnHP = Di-n-hexyl phthalate
DIBP = Diisobutyl phthalate
DCHP = Dicyclohexyl phthalate
DEP = Diethyl phthalate
DMP = Dimethyl phthalate
DIPP = Di-iso-pentyl phthalate
DPENP = Di-n-pentyl phthalate
DIDP = Di-iso-decyl phthalate
PIPP = n-pentyl iso-pentyl phthalate
TBPH = Bis(2-Ethylhexyl)-2,3,4,5-tetrabromophthalate
DPP= 1,2-benzenedicarboxylic acid, dipentylester,branched and linear
DIHP-A = 1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich
DHNUP = 1,2-benzenedicarboxylic acid, di-C7-11 branched and linear alkyl esters
DIHP-B = 1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear
DDHOP = 1,2-benzenedicarboxylic acid, di-C6-10-alkylesters; 1,2-benzenedicarboxylic acid,mixeddecyl and hexyl and octyl diesters with≥0.3%of dihexyl phthalate (EC No. 201-559-5)
ND = Not detected
% = percent
10000 mg/kg = 1 %
mg/kg = milligram(s) per kilogram
Detection Limit (%) : Each 0.005

RESULTS:

Organotin Content – Client's Specification

Test Method : ISO/TS 16179

Parameter	Limit (mg/kg)	Result			
		Test Item(s)			
		I003+I004+I007	I005+I006	I008+I009+I010	I012+I013
Tributyl tin (TBT)	100	ND	ND	ND	ND
Triphenyl tin (TPhT)	100	ND	ND	ND	ND
Dibutyl tin (DBT)	100	ND	ND	ND	ND
Di-n-octyl tin (DOT)	100	ND	ND	ND	ND
Monobutyl tin (MBT)	100	ND	ND	ND	ND
Monooctyl tin (MOT)	100	ND	ND	ND	ND
Diphenyl tin (DPhT)	100	ND	ND	ND	ND
Mono-Diphenyltin (MPhT)	100	ND	ND	ND	ND
Trioctyl tin (TOT)	100	ND	ND	ND	ND
Tripropyl tin (TPT)	100	ND	ND	ND	ND
Tricyclohexyl tin (TcyT)	100	ND	ND	ND	ND
Dimethyl tin (DMeT)	100	ND	ND	ND	0.22
Trimethyl tin (TMet)	100	ND	ND	ND	ND
Methyl tin (MMT)	100	ND	ND	ND	ND
Bis(Tributy tin)oxide (TBTO)	100	ND	ND	ND	ND
Conclusion	-	PASS	PASS	PASS	PASS

RESULTS:

Parameter	Limit (mg/kg)	Result			
		Test Item(s)			
		I014+I015+I016	I017+I018+I019	I020+I021+I022	-
Tributyl tin (TBT)	100	ND	ND	ND	-
Triphenyl tin (TPhT)	100	ND	ND	ND	-
Dibutyl tin (DBT)	100	ND	ND	ND	-
Di-n-octyl tin (DOT)	100	ND	ND	ND	-
Monobutyl tin (MBT)	100	ND	ND	ND	-
Monooctyl tin (MOT)	100	ND	ND	ND	-
Diphenyl tin (DPhT)	100	ND	ND	ND	-
Mono-Diphenyltin (MPhT)	100	ND	ND	ND	-
Trioctyl tin (TOT)	100	ND	ND	ND	-
Tripropyl tin (TPT)	100	ND	ND	ND	-
Tricyclohexyl tin (TcyT)	100	ND	ND	ND	-
Dimethyl tin (DMeT)	100	0.24	0.26	0.16	-
Trimethyl tin (TMet)	100	ND	ND	ND	-
Methyl tin (MMT)	100	ND	ND	ND	-
Bis(Tributy tin)oxide (TBTO)	100	ND	ND	ND	-
Conclusion	-	PASS	PASS	PASS	-

Note / key:

ND = Not detected
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg): Each 0.025

RESULTS:

Alkylphenol (AP) and Alkylphenol Ethoxylates (APEO) Content – Client's Specification

Test Method : Sample was extracted with organic solvent and then analysed by Liquid Chromatograph Mass Spectrometer/Gas Chromatograph Mass Spectrometer.

Test Parameter:	NPs	NPEOs	OPs	OPEOs	4-tert-Pentyphenol	4-HPbl	-
Limit (mg/kg):	100	100	100	100	100	100	-
Test Item(s)	Result (mg/kg)						Conclusion
I003+I004+I007	ND	ND	ND	ND	ND	ND	PASS
I005+I006	ND	ND	ND	ND	ND	ND	PASS
I008+I009+I010	ND	ND	ND	ND	ND	ND	PASS
I012+I013	ND	ND	ND	ND	ND	ND	PASS
I014+I015+I016	ND	ND	ND	ND	ND	ND	PASS
I017+I018+I019	ND	ND	ND	ND	ND	ND	PASS
I020+I021+I022	ND	ND	ND	ND	ND	ND	PASS

Note / key:

NPs = Nonylphenol
NPEOs = Nonylphenol ethoxylates
OPs = Octylphenol
OPEOs = Octylphenol ethoxylates
4-tert-Pentyphenol = 4-tert-Pentyphenol
4-HPbl = 4-Heptylphenol, branched and linear
ND = Not detected
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg) : Each NPs & OPs: 5; Each NPEOs & OPEOs: 30

RESULTS:

Short Chain Chlorinated Paraffins (SCCPS) content–Client's Specification

Test Method : Sample was extracted with organic solvent and then analyzed by Gas Chromatograph Mass Spectrometer with NCI mode.

Maximum Allowable Limit :	100 mg/kg

Test Item(s)	Result	Unit	Conclusion
	Short Chain Chlorinated Paraffins (SCCPs)		
I003+I004	ND	mg/kg	PASS
I007+I008	ND	mg/kg	PASS
I009+I010	ND	mg/kg	PASS

Note / key:

ND = Not detected
mg/kg = milligrams per kilogram (ppm=parts per million)
Detection Limit (mg/kg) : 30

RESULTS:

Bisphenol A (BPA) Content – Client's Specification

Test Method : Sample was extracted with organic solvent and then analyzed by ultra performance liquid chromatography with tandem mass spectrometry (UPLC-MS-MS).

Client's Limit :	1000 mg/kg

Test Item(s)	Result	Unit	Conclusion
	Bisphenol A (BPA)		
I003+I004+I007	0.70	mg/kg	PASS
I005+I006	1.60	mg/kg	PASS
I008+I009+I010	ND	mg/kg	PASS

Note / key:

ND = Not detected
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg) : 0.1

RESULTS:

Bisphenol S (BPS) Content – Client's Specification

Test Method : Sample was extracted with organic solvent and then analyzed by ultra performance liquid chromatography with tandem mass spectrometry (UPLC-MS-MS).

Client's Limit :	100 mg/kg

Test Item(s)	Result	Unit	Conclusion
	Bisphenol S (BPS)		
I003+I004+I007	ND	mg/kg	PASS
I005+I006	ND	mg/kg	PASS
I008+I009+I010	ND	mg/kg	PASS

Note / key:

ND = Not detected
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg) : 0.01

RESULTS:

Bisphenol F (BPF) Content – Client's Specification

Test Method : Sample was extracted with organic solvent and then analyzed by ultra performance liquid chromatography with tandem mass spectrometry (UPLC-MS-MS).

Client's Limit :	100 mg/kg

Test Item(s)	Result	Unit	Conclusion
	Bisphenol F (BPF)		
I003+I004+I007	ND	mg/kg	PASS
I005+I006	ND	mg/kg	PASS
I008+I009+I010	ND	mg/kg	PASS

Note / key:

ND = Not detected
mg/kg = milligram(s) per kilogram
Detection Limit (mg/kg) : 0.1

RESULTS:

Volatile Organic Compounds

Test Method : Modified DIN CEN SO / TS 16189 , headspace GC-MSD , Screening GC-MSD after extraction.

Client's Limit :	Formamide, Benzene, NMP, DMAC, DMFa: 0.1 mg/kg (Each)

Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
I003+I004+I007	ND	ND	mg/kg	PASS
I005+I006	ND	ND	mg/kg	PASS
I008+I009+I010	ND	ND	mg/kg	PASS
I012+I013	ND	ND	mg/kg	PASS
I014+I015+I016	ND	ND	mg/kg	PASS
I017+I018+I019	ND	ND	mg/kg	PASS
I020+I021+I022	DMFa	13	mg/kg	PASS

Note:
ND = Not detected mg/kg = milligram per kilogram Conc. = Concentration
Detection Limit (mg/kg): Benzene: 5; Others: 100
Remark:
- The list of Volatile Organic Compounds is summarized in table of Appendix.

List of Volatile Organic Compounds:					
No.	**Name of Analytes**	**CAS-No.**	**No.**	**Name of Analytes**	**CAS-No.**
1	Formamide	75-12-7	4	N,N-dimethylacetamide (DMAC)	127-19-5
2	Benzene	71-43-2	5	Dimethyl Formamide (DMFa)	68-12-2
3	n-methyl pyrrolidone (NMP)	872-50-4	-	-	-

Remark:
This report is to Supersede BV(Dong guan) report No. (8823)353-0110 dated on Jan 4, 2024.

RESULTS:

END OF REPORT

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DEKLARACJA ZGODNOŚCI WE
EC DECLARATION OF CONFORMITY

My / We **LAVA GROUP S.C./ Reiter Polska Sp. Z o.o.**
(nazwa producenta/ manufacturer's name)

Ul. Eugeniusza Romera 4B, 02-784 Warszawa
(adres producenta / manufacturer's address)

niniejszym deklarujemy, że następujący wyrób:
declare, under our responsibility, that the product:

plecak LPN150 wykonany z poliestru
(nazwa wyrobu / name of the article) (typ wyrobu / type or model) backpack LPN150 made from polyester

Spełnia wymagania następujących norm:
to which this declaration relates is in conformity with the following standards:

EN 1811
EN 14362-1:2017
ISO 17234-1:2020
ISO 14184-1:2011
(numer i data wydania normy / title, number and date of issue of the standards)

oraz jest zgodny z postanowieniami następujących rozporządzeń (dyrektyw):
(following the provisions of):

Rozporządzenie (WE) nr 1907/2006 Parlamentu Europejskiego i Rady z dnia 18 grudnia 2006 r. w sprawie rejestracji, oceny, udzielania zezwoleń i stosowanych ograniczeń w zakresie chemikaliów i utworzenia Europejskiej Agencji Chemikaliów, zwane w skrócie rozporządzeniem REACH
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 on the registration, evaluation, authorization and restriction of chemicals and establishing a European Chemicals Agency, hereinafter referred to as the REACH Regulation

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Warszawa dnia 04.01.2024r.