



TEST REPORT

Technical Report: (5219)239-0202

September 6, 2019

Date Received: August 27, 2019

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MS. QIMEY MAK
CRYSTAL TOWN LTD.
UNIT 3-5, 3/F., BLOCK A, FOCAL INDUSTRIAL CENTRE,
21 MAN LOK ST, HUNGHOM, KLN

Sample Description: Sample(s) received is/are stated to be:
MELAMINE

Color:	/	Style No(s):	/
Order No.:	/	PO No.:	/
Age Grade:	/	Product End Use:	/
Vendor:	/	Retest No.:	/
Manufacturer:	/	Supplier Reference:	/
Buyer:	NIKE	Country of Origin:	/
Test Period:	September 3, 2019- September 6, 2019	Country of Destination:	/
Fiber Content:	/		
Care Instruction:	/		

SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION	REMARK
ALKYLPHENOLS (AP)	PASS	
ALKYLPHENOL ETHOXYLATES (APEO)	PASS	
HEAVY METALS	PASS	
FORMALDEHYDE	PASS	
PHTHALATES	PASS	
POLYVINYL CHLORIDE (PVC)	PASS	
VOLATILE ORGANICS	PASS	
MONOMER - STYRENE	PASS	
MONOMER - VINYL CHLORIDE	PASS	

DK

REMARK

If there are questions or concerns on this report, please contact:

(852) 2331 0330
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BUREAU VERITAS HONG KONG LTD.

MS. YANN LO
MANAGER, ANALYTICAL

Photo of the Submitted Sample



SAMPLE DESCRIPTION ASSIGNED BY LABORATORY:

ITEM	ITEM DESCRIPTION
1	Navy plastic (button)

**TEST RESULT****VOLATILE ORGANICS****Test Method** : Direct analysis by Headspace Gas Chromatograph Mass Spectrometer (HS-GC-MS)

Limit:	Benzene: 5 mg/kg Others: 1000mg/kg (Total)			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1	ND	ND	mg/kg	PASS

Note:

ND = Not detected

“>” = Greater than

Conc. = Concentration

mg/kg = milligram per kilogram

Detection Limit (mg/kg): Benzene: 5, Others: 20 (Each)

Remark:

- The list of volatile organics is summarized in table of Appendix.

MONOMER - STYRENE**Test Method** : Direct analysis by Headspace Gas Chromatograph Mass Spectrometer (HS-GC-MS) or Organic solvent extraction, analysis by Gas Chromatograph Mass Spectrometer (GC-MS).

Maximum Limit:	500 mg/kg			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1	ND	ND	mg/kg	PASS

Note:

ND = Not detected

“>” = More than

Conc. = Concentration

mg/kg = milligram per kilogram

Detection Limit (mg/kg): 50

MONOMER – VINYL CHLORIDE**Test Method** : With reference to EN ISO 6401:2008

Maximum Limit:	1 mg/kg			
Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1	ND	ND	mg/kg	PASS

Note:

ND = Not detected

“>” = More than

Conc. = Concentration

mg/kg = milligram per kilogram

Detection Limit (mg/kg): 1

END

APPENDIX

List of Alkylphenols:			
No.	Name of Analytes	No.	Name of Analytes
1	Octylphenol (OP)	2	Nonylphenol (NP)

List of Alkylphenol Ethoxylates:			
No.	Name of Analytes	No.	Name of Analytes
1	Octylphenolethoxylates (OPEOs)	2	Nonylphenolethoxylates (NPEOs)

List of Phthalates:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Di-Iso-nonylphthalate (DINP)	28553-12-0	11	Di-n-pentyl phthalate (DPENP)	131-18-0
2	Di-n-octylphthalate (DNOP)	117-84-0	12	Dicyclohexyl phthalate (DCHP)	84-61-7
3	Di(2-ethylhexyl)-phthalate (DEHP)	117-81-7	13	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6
4	Diisodecylphthalate (DIDP)	26761-40-0	14	Bis(2-methoxyethyl) phthalate	117-82-8
5	Butylbenzylphthalate (BBP)	85-68-7	15	Diisopentyl phthalate (DIPP)	605-50-5
6	Dibutylphthalate (DBP)	84-74-2	16	Dipropyl phthalate (DPRP)	131-16-8
7	Diisobutylphthalate (DIBP)	84-69-5	17	Diisooctyl phthalate (DIOP)	27554-26-3
8	Di-n-hexylphthalate (DnHP)	84-75-3	18	Diisohexyl phthalate (DIHP)	68515-50-4
9	Diethylphthalate (DEP)	84-66-2	19	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4
10	Dimethylphthalate (DMP)	131-11-3	20	1,2-benzenedicarboxylic acid Dipentyl ester, branched and linear	84777-06-0

List of Volatile Organics:					
No.	Name of Analytes	CAS-No.	No.	Name of Analytes	CAS-No.
1	Pentachloroethane	76-01-7	10	Benzene	71-43-2
2	Carbon Tetrachloride	56-23-5	11	Chloroform	67-66-3
3	1,1,1,2-Tetrachloroethane	630-20-6	12	1,2-Dichloroethane	107-06-2
4	1,1,1,2,2-Tetrachloroethane	79-34-5	13	Toluene	108-88-3
5	1,1,1-Trichloroethane	71-55-6	14	Xylene (meta-, ortho-, para-)	1330-20-7, 108-38-3, 85-47-6, 106-42-3
6	1,1,2-Trichloroethane	79-00-5	15	Carbon Disulfide	75-15-0
7	1,1-Dichloroethylene	75-35-4	16	Ethylbenzene	100-41-4
8	Trichloroethylene	79-01-6	17	Cyclohexanone	108-94-1
9	Tetrachloroethylene	127-18-4	-	-	-