

CONSUMER PRODUCTS SERVICES DIVISION

AW FABER-CASTELL (M) SDN BHD

Technical Report: Date Received:	(8518)135-0711(Revisio May 15, 2018	n)		June 20, 2018 Page 1 of 7
CHOON WEE GOH AW FABER-CASTELL (M 9 JALAN TP2 TAMAN PE SUBANG JAYA SELANGOR 46700 MALAYSIA	I) SDN BHD RINDUSTRIAN SIME UEP			
Sample Description:	FABER-CASTELL PVC FREE E	RASER		
Vendor:	N/A	Sample Size:	3	
Manufacturer:	N/A	Style No(s):	N/A	
Buyer:	N/A	SKN/SKU No.:	N/A	
Labeled Age Grade:	N/A	PO No.:	N/A	
Appropriate Age Grade:	N/A	Ref #:	N/A	
Client Specified Age Grade:	N/A	Country of Origin:	N/A	
Tested Age Grade: UPC Code:	OVER 3 YEARS OF AGE N/A	Assortment No.:	N/A	

EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The total lead content of 100ppm requirements by composite testing in substrate materials (Consumer Products Safety Improvement Act (CPSIA) of 2008).
- The BBP, DBP & DEHP content requirements by composite testing of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) Prohibition On Sale of Certain Products Containing Specified Phthalates.
- The DNOP, DIDP & DINP content requirements by composite testing of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(b)(1) Prohibition On Sale of Certain Products Containing Specified Phthalates.
- The phthalates (BBP, DBP, DEHP, DINP, DIBP, DPENP, DHEXP & DCHP) content requirements of the Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) and 108(c), 16 CFR 1307).

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(*)EXECUTIVE SUMMARY:

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

- Halogen (fluorine, chlorine, bromine, iodine) Content.

Note: This report is amendment of and supersedes the previous (8518)135-0711 dated May 28, 2018.

BUREAU VERITAS SHENZHEN CO., LTD

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Choy Hon Kwong, Adams Senior Manager Analytical Department

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RESULTS:

TOTAL LEAD CONTENT IN SUBSTRATE BY COMPOSITE TESTING (100PPM) (Consumer Product Safety Improvement Act (CPSIA) of 2008)

Test Method: U.S. CPSC-CH-E1001-08.3:2012 or U.S. CPSC-CH-E1002-08.3:2012

Requirement: Maximum allowable limit: 10	Lead	
	100 mg/kg	

Ana	Analyte					
	Sample Description					Conclusion
	Color / Compone	ent	Location	Style	(mg/kg)	
(A)	White soft plastic	Er	aser		LT 10	Pass

LT = Less Than

* = Average of duplicate analyses

mg/kg = milligrams per kilogram (ppm = parts per million)



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RESULTS:

PHTHALATES CONTENT IN CHILDREN'S TOYS AND CHILDCARE ARTICLES BY COMPOSITE TESTING (Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(a) Prohibition On Sale of Certain Products Containing Specified Phthalates - BBP / DBP / DEHP CONTENT)

Test Method: With reference to U. S. CPSC-CH-C1001-09.3 (April 1, 2010).

Sample Identity	Color / Component	Location	Style
А	White soft plastic	Eraser	

Analyte:	BBP	DBP	DEHP	
Limit (%):	0.1	0.1	0.1	

Analyte	BBP DBP DEHP		Conclusion	
Sample	Result (%)		COnclusion	
А	LT 0.005	LT 0.005	LT 0.005	PASS

Detection Limit :

BBP = Butyl benzyl phthalate (0.005%)

DBP = Dibutyl phthalate (0.005%)

DEHP = Di(2-ethylhexyl) phthalate (0.005%)

Results reported in percentage

LT = Less than

ND = None detected

PHTHALATES CONTENT IN CHILDREN'S TOYS AND CHILDCARE ARTICLES BY COMPOSITE TESTING (Consumer Product Safety Improvement Act (CPSIA) of 2008 Sec. 108(b)(1) Prohibition On Sale of Certain Products Containing Specified Phthalates - DNOP / DINP / DIDP CONTENT)

Test Method: With reference to U. S. CPSC-CH-C1001-09.3 (April 1, 2010).

Sample Identity	Color / Component	Location	Style
A	White soft plastic	Eraser	

Analyte	DNOP	DINP	DIDP	Conclusion
Sample	Result (%)			Conclusion
А	LT 0.005	LT 0.005	LT 0.005	PASS

Detection Limit :

- DNOP = Di-n-octyl phthalate (0.005%)
- DINP = Di-iso-nonyl phthalate (0.005%)

Results reported in percentage

- LT = Less than
- ND = None detected

DIDP = Di-iso-decyl phthalate (0.005%)



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RESULTS:

PHTHALATES CONTENT IN CHILDREN'S TOYS AND CHILD CARE ARTICLES (Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108(a) and 108(c), 16 CFR 1307)

Test Method: With reference to U. S. CPSC-CH-C1001-09.3 (April 1, 2010) / CPSC-CH-C1001-09.4 (January 17, 2018).

	Sample Identity	Color / Component	Location	Style
T	Α.	White soft plastic	Eraser	

Test Parameter:	Listed Phthalates (See Remark)			
Requirement:	Each 0.1%			
Sample ID	Detected Analyte	Concentration (%)	Conclusion	
Α.	ND	ND	Pass	

Results reported in percentage ND = None detected Detection Limit: Each Phthalate (0.005%)

	LIST OF RESTRICTED PHTHALATES					
Number	Chemical Name	CAS Number				
1.	Butyl benzyl phthalate (BBP)	85-68-7				
2.	Dibutyl phthalate (DBP)	84-74-2				
3.	Di(2-ethylhexyl) phthalate (DEHP)	117-81-7				
4.	Di-iso-nonyl phthalate (DINP)	28553-12-0 & 68515-48-0				
5.	Di-iso-butyl phthalate (DIBP)	84-69-5				
6.	Di-n-pentyl phthalate (DPENP or DnPP)	131-18-0				
7.	Di-n-hexyl phthalate (DHEXP or DnHP)	84-75-3				
8.	Dicyclohexyl phthalate (DCHP)	84-61-7				



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(*)RESULTS:

Sample Description Assigned by Laboratory:

Test It	em	Description		
1		White plastic		
Note:	g = gram(s) mcg = microgram(s) mg/kg = milligram per kilogram mg/L = milligram per litre g/kg = gram(s) per kilogram MDL = Method Detection Limit ND = Not Detected (< MDL) EX = Exempted	% = percentage 1 mg/kg = 0.0001% "<" = less than ">" = Greater than Req. = Requirement "-" = Not Regulated NA = Not applicable		

Halogen (fluorine, chlorine, bromine, iodine) Content

Test Method:	Sample was firstly combusted and absorbed with solvent, then analyzed by ion chromatography
	(Reference to EN14582:2016).

	Unit	MDL	Result
Parameter			1
Fluorine	mg/kg	100	ND
Chlorine	mg/kg	50	ND
Bromine	mg/kg	50	ND
lodine	mg/kg	100	ND



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RESULTS:

