



CONSUMER PRODUCTS SERVICES DIVISION

AW FABER-CASTELL (M) SDN BHD

Technical Report: (8518)135-0711(Revision)
Date Received: May 15, 2018

June 20, 2018
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CHOON WEE GOH
AW FABER-CASTELL (M) SDN BHD
9 JALAN TP2 TAMAN PERINDUSTRIAN SIME UEP
SUBANG JAYA
SELANGOR 46700
MALAYSIA

Sample Description:	FABER-CASTELL PVC FREE ERASER		
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
Grade:			
Tested Age Grade:	OVER 3 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	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

Choy Hon Kwong, Adams
Senior Manager
Analytical Department

AC/su



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

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

Analyte			Lead (Pb)	Conclusion
Sample Description			Result (mg/kg)	
	Color / Component	Location	Style	
(A)	White soft plastic	Eraser	LT 10	Pass

LT = Less Than

* = Average of duplicate analyses

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



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
A	White soft plastic	Eraser	

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

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

Detection Limit :

<i>BBP</i> = Butyl benzyl phthalate (0.005%)	<i>Results reported in percentage</i>
<i>DBP</i> = Dibutyl phthalate (0.005%)	<i>LT</i> = Less than
<i>DEHP</i> = Di(2-ethylhexyl) phthalate (0.005%)	<i>ND</i> = 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
Limit (%):	0.1	0.1	0.1

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

Detection Limit :

<i>DNOP</i> = Di-n-octyl phthalate (0.005%)	<i>Results reported in percentage</i>
<i>DINP</i> = Di-iso-nonyl phthalate (0.005%)	<i>LT</i> = Less than
<i>DIDP</i> = Di-iso-decyl phthalate (0.005%)	<i>ND</i> = None detected



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
A.	White soft plastic	Eraser	

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



(*)RESULTS:

Sample Description Assigned by Laboratory:

Test Item	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
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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).

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

RESULTS:

