



**BUREAU  
VERITAS**

# TEST REPORT

LAB NO. : (2418)333-0108  
DATE : December 03, 2018  
PAGE : 1 OF 3

Applicant:

Date of Submission: 2018-11-29  
Test Period: 2018-11-29 to 2018-12-03

Sample Description:	Sample(s) received is(are) stated to be: Flash light		
Manufacturer:	/	Buyer:	/
Style No(s):	LP-8252(P513.431),LP-4036- 2C(P513.461),LP-4036- 3AAA(P513.561),LP-8142- 1AA(P513.571)	PO No.:	/
Country of Origin:	/	Country of Destination:	/

Test Item(s): Details see attached page(s).

## SUMMARY OF TEST RESULTS

TEST REQUESTED	CONCLUSION
15 Phthalates specified by client - Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH	PASS

Note: The tested part of the sample was specified by client.  
The composite testing was performed as per client's request.  
The test conclusion was given based on the results of tested part.

### REMARK

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

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NINGBO BRANCH**

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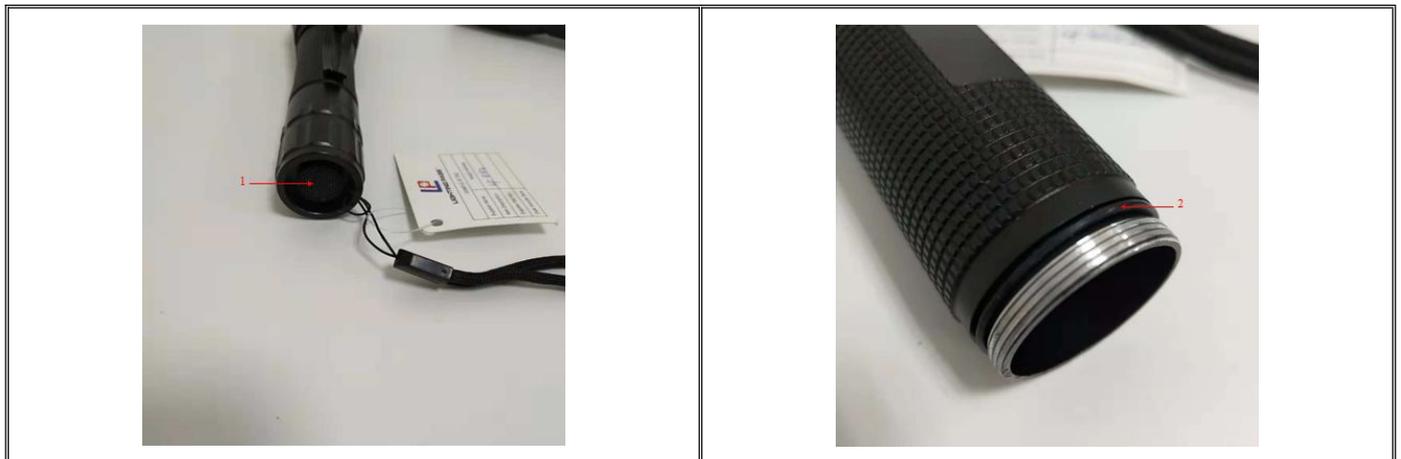
**Sample Description Assigned by Laboratory:**

Test Item	Description
1	Black soft plastic
2	Black soft plastic
3	Transparent plastic
4	Transparent plastic

Note:

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

**Photo of the Submitted Sample**





**TEST RESULT**

**15 Phthalates specified by client - Candidate List of Substances of Very High Concern for authorization published by European Chemicals Agency (ECHA) Regarding Regulation (EC) No. 1907/2006 concerning REACH**

Method: Analysis is based on GC and LC with various detection techniques.

<b>Maximum Allowable Limit:</b>	<b>0.1% (Each of listed)</b>
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Tested Item(s)	Result			Conclusion
	Detected Analyte(s)	Conc.	Unit	
1+2	ND	ND	%	PASS
3+4	ND	ND	%	PASS

No.	Substance name	CAS No.	EC No.	Detection Limit, %	Basis for identification as a SVHC
1	Dibutyl phthalate (DBP)	84-74-2	201-557-4	0.005	Toxic for reproduction
2	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	204-211-0	0.005	Toxic for reproduction
3	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	0.005	Toxic for reproduction
4	Diisobutyl phthalate (DIBP)	84-69-5	201-553-2	0.005	Toxic for reproduction
5	1,2-benzenedicarboxylic acid, di-C7-11 branched alkyl ester and linear alkyl ester (DHNUP)	68515-42-4	271-084-6	0.005	Toxic for reproduction
6	1,2-benzenedicarboxylic acid, di-C6-8-branched alkyl ester, C7-rich (DIHP)	71888-89-6	276-158-1	0.005	Toxic for reproduction
7	Bis(2-methoxyethyl) phthalate (DMEP)	117-82-8	204-212-6	0.005	Toxic for reproduction
8	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear <sup>+</sup>	84777-06-0	284-032-2	0.005	Toxic for reproduction
9	N-pentyl-isopentylphthalate (iPnPP) <sup>+</sup>	776297-69-9	-	0.005	Toxic for reproduction
10	Diisopentylphthalate (DIPP) <sup>+</sup>	605-50-5	210-088-4	0.005	Toxic for reproduction
11	Dipentyl phthalate (DPP) <sup>+</sup>	131-18-0	205-017-9	0.005	Toxic for reproduction
12	Dihexyl phthalate (DHP)	84-75-3	201-559-5	0.005	Toxic for reproduction
13	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear <sup>++</sup>	68515-50-4	271-093-5	0.005	Toxic for reproduction
14	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	271-094-0; 272-013-1	0.01	Toxic for reproduction
15	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	0.005	Toxic for reproduction Endocrine disrupting properties

END