

Test Report

Number: GZHH00586196

Applicant: FLASHBAY ELECTRONICS
BUILDING2, JIXUN INDUSTRIAL PARK, XINJIAO,
DONG'AO VILLAGE, SHATIAN TOWN, HUIYANG
DISTRICT, HUIZHOU CITY, GUANGDONG PROVINCE,
P. R. CHINA

Date: Mar 18, 2025

Sample Description:

One (1) set of submitted sample said to be :
Item Name : **Pen Series**
Item No. : **Radiance (RA)**
Country of Origin : China
Date Sample Received : Mar 04, 2025 & Mar 10, 2025
Testing Period : Mar 04, 2025 ~ Mar 14, 2025

Tested Sample



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued



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Conclusion:

<u>Tested sample</u>	<u>Standard/Testing Item</u>	<u>Result</u>
Tested components of submitted samples	DecaBDE, PIP(3:1), PCTP, HCBd Content requirements in US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals	Pass
	2,4,6-TTBP Content requirements in US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals	Pass

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines



Victor T.J. Wang
General Manager



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Tests Conducted

1 PBT (DecaBDE, PIP(3:1), PCTP, HCBd) Content (US EPA 40 CFR 751 Subpart E)

By solvent extraction, followed by Gas Chromatography Mass Spectrometric (GC/MS).

Test item	CAS No	Result (%)	Reporting limit (%)	Limit (%)
		Tested component (20)		
Decabromodiphenyl ether (DecaBDE)	1163-19-5	0.027	0.005	0.1%
Phenol, isopropylated phosphate (3:1) [PIP (3:1)]	68937-41-7	ND	0.005	0.1%
Pentachlorothiophenol (PCTP)	133-49-3	ND	0.005	1
Hexachlorobutadiene (HCBd)	87-68-3	ND	0.005	ND

Test item	CAS No	Result (%)	Reporting limit (%)	Limit (%)
		Tested component (5)to(11), (17), (18), (19), (22)		
Decabromodiphenyl ether (DecaBDE)	1163-19-5	ND	0.005	0.1%
Phenol, isopropylated phosphate (3:1) [PIP (3:1)]	68937-41-7	ND	0.005	0.1%
Pentachlorothiophenol (PCTP)	133-49-3	ND	0.005	1
Hexachlorobutadiene (HCBd)	87-68-3	ND	0.005	ND

The limit was quoted according to US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals for DecaBDE, PIP(3:1), PCTP, HCBd content requirements.

If the DecaBDE and PIP (3:1) were not intentionally added to the product or article, the allowances for unintentional amounts of DecaBDE and PIP (3:1) present in products and articles at concentrations were 0.1% by weight each.

ND = Not detected (less than reporting limit)

Tested Component(s): See component list in the last section of this report



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Tests Conducted

2 PBT (2,4,6-TTBP) Content (US EPA 40 CFR 751 Subpart E)

By solvent extraction, followed by Gas Chromatography Mass Spectrometric (GC/MS).

Test item	CAS No	Result (%)	Reporting limit (%)	Limit (%)
		Tested component (3)		
2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)	732-26-3	ND	0.005	0.3

The limit was quoted according to US EPA 40 CFR 751 Subpart E Persistent, Bioaccumulative and Toxic Chemicals for 2,4,6-TTBP content requirements.

ND = Not detected (less than reporting limit)

Tested Component(s): See component list in the last section of this report

Component list:

Sequence No.	Test Component No.	Test Component Description(s)
SN1	3.	Black ink (refill).
SN2	5.	Dark black soft plastic (washer of connector).
SN3	6.	Silver color plated plastic (cover of touchscreen head, light).
SN4	7.	Black soft plastic (touchscreen head).
SN5	8.	White plastic (ink chamber).
SN6	9.	Transparent plastic (LED).
SN7	10.	Semi-transparent plastic (protective case of light).
SN8	11.	White woven with inaccessible adhesive (pad of cap).
SN9	17.	Plastic parts of switch (switch) (internal).
SN10	18.	Matt semi-transparent plastic (cover of battery) (internal).
SN11	19.	Light black plastic (holder of LED) (internal).
SN12	20.	Dark grey plastic (holder of touchscreen head) (internal).
SN13	22.	Semi-transparent beige plastic with silver color coating (upper barrel, bottom barrel, connector).



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Reference photo



Remark: The products in the reference photo are not tested in this report. It's declared by the applicant that they are the same series of products with the particular tested sample, just included in the report for reference.

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band $w = U$) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

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