

Test Report

No.: 70.452.24.12682.01

Date: 2024-05-21



Applicant: POLYCONCEPT GBS
Address: ROOM 301-303, ZHONGSHAN WANBO INTERNATIONAL CENTER, NO.666 WEST HUAIHAI ROAD, CHANGNING DISTRICT, SHANGHAI, P.R.C
Product Name: Delfina phone holder pen
Model No.: 10789807-otml/ 10789832-brk/ 10789851-ocbl/ 10789862-htgr/ 10789890-bk/ 10789907-otml/ 10789932-brk/ 10789951-ocbl/ 10789962-htgr/ 10789990-bk
PO/Order No.: #663181/663182
Manufacturer: #10349
Factory No.: #3127
Country of Origin: CHINA
Country of Destination: EU
Receipt Date of Sample: 2024-05-11
Date of Testing: 2024-05-11 ~ 2024-05-21
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. EN 71-9:2005+A1:2007 - Formaldehyde release	Pass
2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content	Pass
3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content	Pass
4. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) Content	<0.1% w/w
5. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Dibutylbis(pentane-2,4dionato-O,O')tin Content	<0.1% w/w
6. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) -2-methylimidazole Content	<0.1% w/w
7. European Parliament and Council Regulation (EC) No. 2019/1021 on Persistent Organic Pollutants (POPs) - Pentachlorophenol (PCP) Content	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. <= Less than
4. 1 mg/kg = 1 ppm = 0.0001%

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TÜV SÜD Certification and Testing (China) Co., Ltd. Shanghai Branch
Testing Center

Prepared by:

Authorized by:



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Technical Engineer

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Note:

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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.
Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.




Description of Tested Subject:

Sample	Description	Photo
001	Delfina phone holder pen	



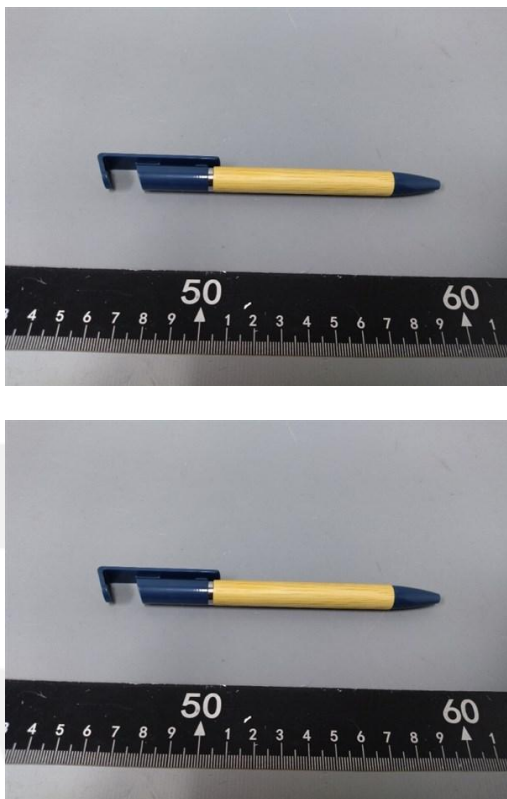
Sample	Description	Photo
002	Delfina phone holder pen	



Sample	Description	Photo
003	Delfina phone holder pen	



Sample	Description	Photo
004	Delfina phone holder pen	

Sample	Description	Photo
005	Delfina phone holder pen	

T. No	Sample	Description
T1	006	Natural bamboo (barrel, 001~005)
T2	007	Orange red plastic (upper barrel/pen nib, 001)
T3	008	Flesh pink plastic (upper barrel/pen nib, 002)
T4	009	Black plastic (upper barrel/pen nib, 003)
T5	010	Olive green plastic (upper barrel/pen nib, 004)
T6	011	Dark blue plastic (upper barrel/pen nib, 005)
T7	012	Black plastic (tube inner barrel, 001~005)
T8	013	White plastic (refill, 001~005)
T9	014	Off-white plastic (lower tooth column, 001~005)
T10	015	Silvery metal (ring on barrel, 001~005)
T11	016	Silvery metal (spring, 001~005)

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Test Result(s):

1. EN 71-9:2005+A1:2007 - Formaldehyde release

Test with reference to EN 717-3:1996, determination by UV-Vis.

Parameter	MDL [mg/kg]	Moisture content [%]	Limit [mg/kg]	Result(s) [mg/kg]
				006
mean value	10	9.2	80	ND
Conclusion				Pass

2. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 23 - Cadmium Content

Test with reference to EN 1122:2001 Method B, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
006	mg/kg	10.0	100	ND	Pass
007+008+009	mg/kg	10.0	100	ND	Pass
010+011+012	mg/kg	10.0	100	ND	Pass
013+014	mg/kg	10.0	100	ND	Pass

3. Regulation (EC) No.1907/2006 (REACH) Annex XVII, Item 63 - Lead Content

Test with reference to in-house method, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
006	mg/kg	10.0	500	ND	Pass
007+008+009	mg/kg	10.0	500	ND	Pass
010+011+012	mg/kg	10.0	500	29.5	Pass
013+014	mg/kg	10.0	500	ND	Pass
015+016	mg/kg	10.0	500	79.0	Pass

Laboratory:

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4. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP) Content

Test with reference to in house method and determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					007+008+009+010+011+012+013+014
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	% w/w	0.01	0.1	ND

5. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) - Dibutylbis(pentane-2,4dionato-O,O')tin Content

Test with reference to in-house method, determination by LC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					007+008+009+010+011+012+013+014
Dibutylbis(pentane-2,4dionato-O,O')tin	22673-19-4 (245-152-0)	% w/w	0.01	0.1	ND

6. Substances of Very High Concern (SVHC) published by European Chemicals Agency (ECHA) -2-methylimidazole Content

Test with reference to in house method and determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					007+008+009+010+011+012+013+014
2-methylimidazole	693-98-1	% w/w	0.01	0.1	ND



7. European Parliament and Council Regulation (EC) No. 2019/1021 on Persistent Organic Pollutants (POPs) - Pentachlorophenol (PCP) Content

Test with reference to CEN/TR 14823

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]
			006
Pentachlorophenol	1	5	ND
Conclusion			Pass

-End of Test Report-

