



# Test Report

Report No.: LST20120155EN

Date: Jan. 04, 2021

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**Applicant:** TONGLU SIGNAL IMPORT & EXPORT CO.,LTD.

**Address:** DONGXI INDUSTRIA ZONE, FENSHUI TOWN, TONGLU COUNTY ,ZHEJIANG,  
HANGZHOU,CHINA

The following sample(s) information and test item(s) were submitted and identified by/on behalf of the applicant

**Sample Name:** Pen

**Model No.:** B16217/B17348/E09028/E14832 Wheat straw/E14832/E14832 PENCIL/  
E14832-I/E14868/E16224/E16225/E18800/E19161/E19176/E19357/E19401/  
E19425/E19433/E19472/E20319/E20330/E20331/E20335/E20374/E20382/  
E20321/B16909/E09028/E14213 BAMBOO/E14213 WOOD/E16224/E16225  
WOOD/E16225-I WOOD/E17555 WOOD/E17555 GREY/E17555-I BAMBOO  
GREY/E19436/E20317/E20335/E20460/E20543/E20545/E20546/E20575/S1  
9400

**Sample Receiving Date:** Dec. 18, 2020

**Testing Period:** Dec. 18, 2020 to Jan. 04, 2021

## Summary of Test Result(s):

No.	Test Requested	Result(s)
1	Annex XVII items 63 of the REACH - Lead content	PASS
2	Annex XVII items 23 of the REACH - Cadmium content	PASS
3	Annex XVII items 51&52 of the REACH Regulation (EC) No 1907/2006 & amended (EC) No. 552/2009&(EU) 2018/2005 - Phthalates	PASS

\*\*\*\*\*FOR FURTHER DETAILS,PLEASE REFER TO THE FOLLOWING PAGE(S)\*\*\*\*\*

Signed for and on behalf of LST

Rory

Rory / Technical Manager



Zhejiang Lisen Testing Technology Co., Ltd.  
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E-mail: zj@lisenlab.com  
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## Sample Description

Material No.	Component Description	Location
01	Brown bamboo	Barrel
02	Brown wood	Barrel
03	Black plastic	Tip
04	White plastic	Tip
05	Blue plastic	Tip
06	Green plastic	Tip
07	Red plastic	Tip
08	Yellow plastic	Tip

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## Photo of sample

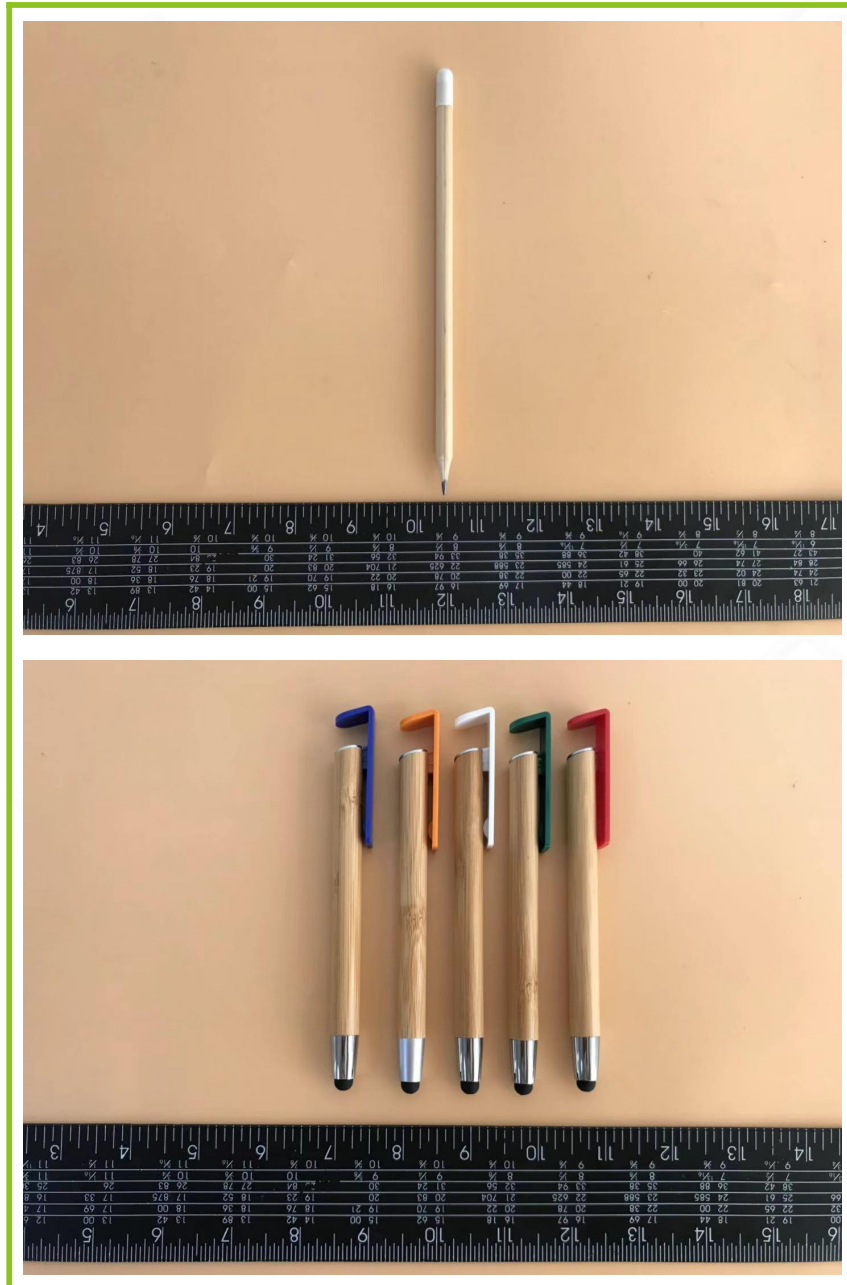


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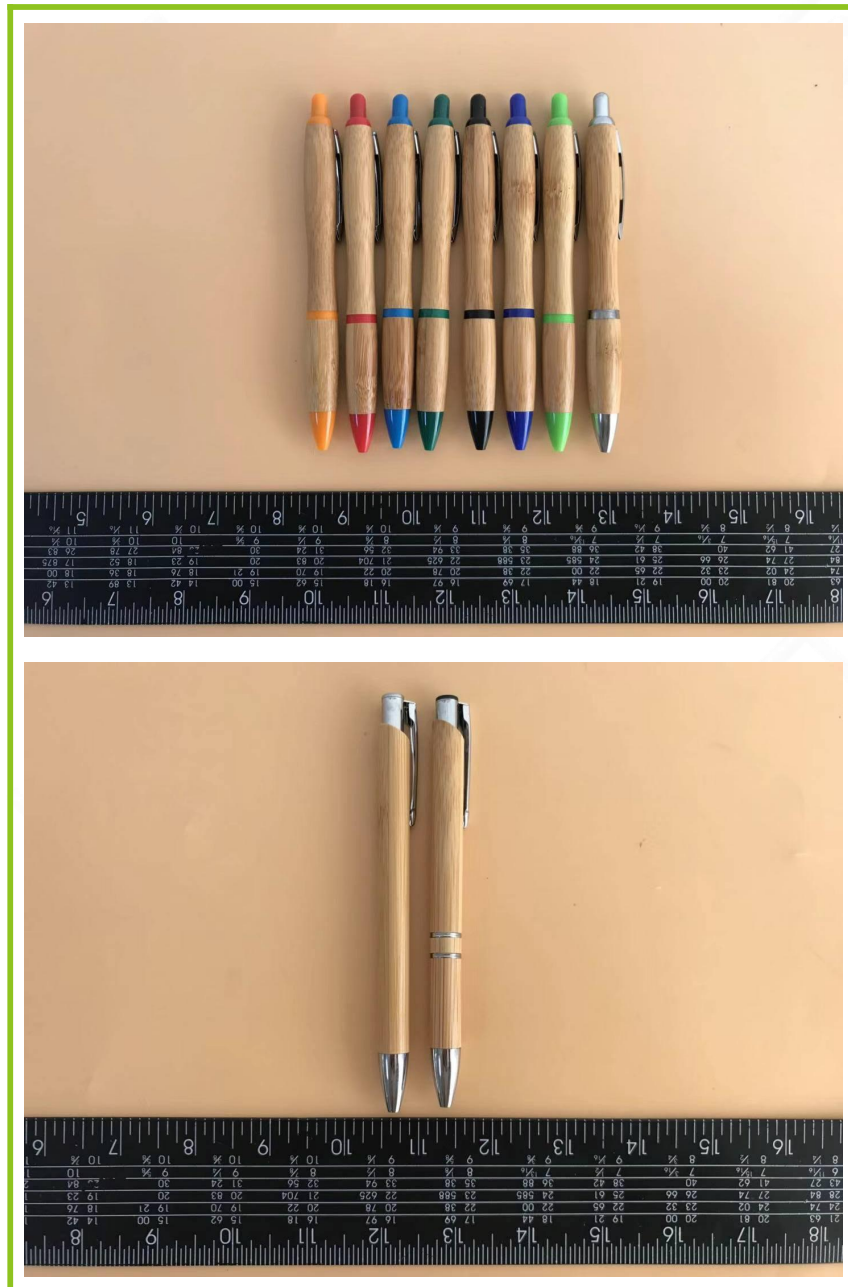


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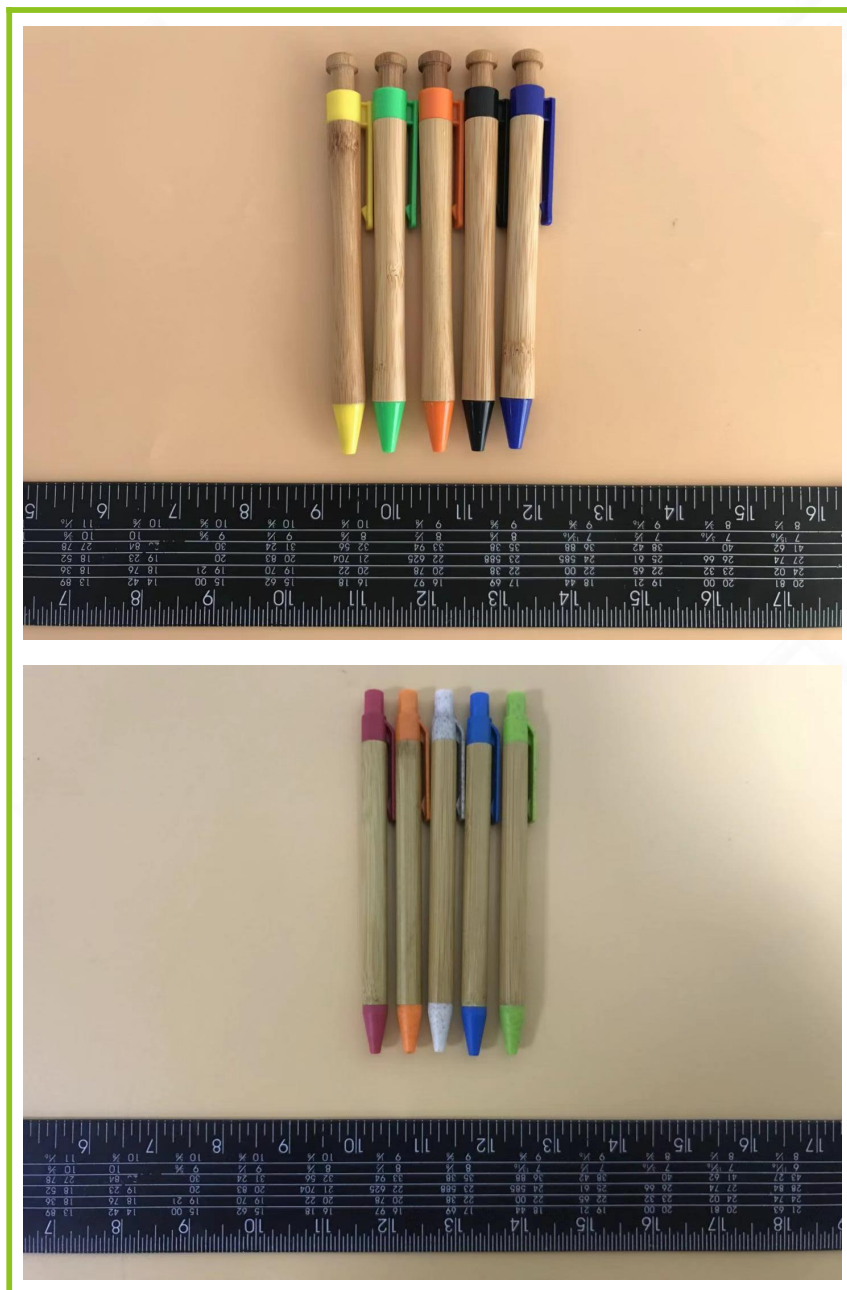


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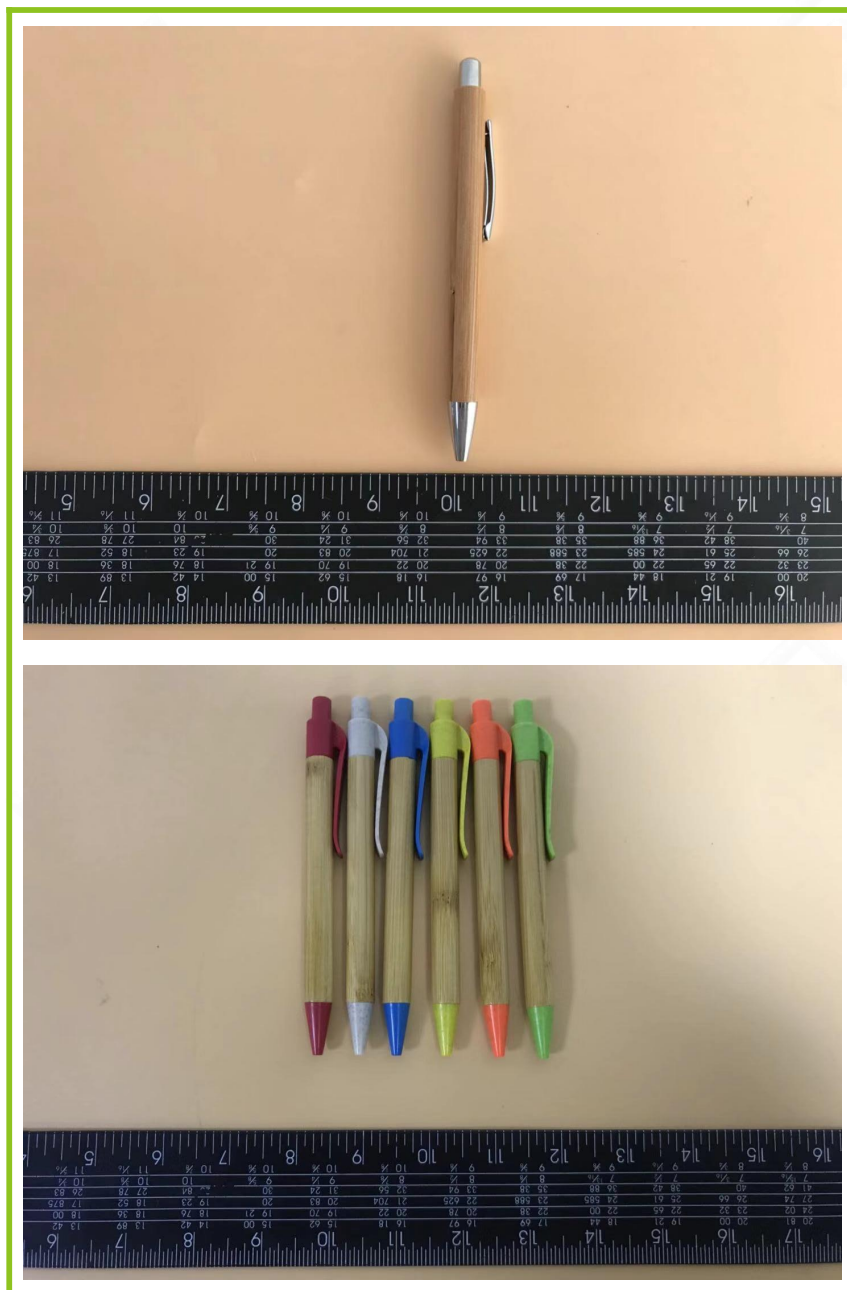


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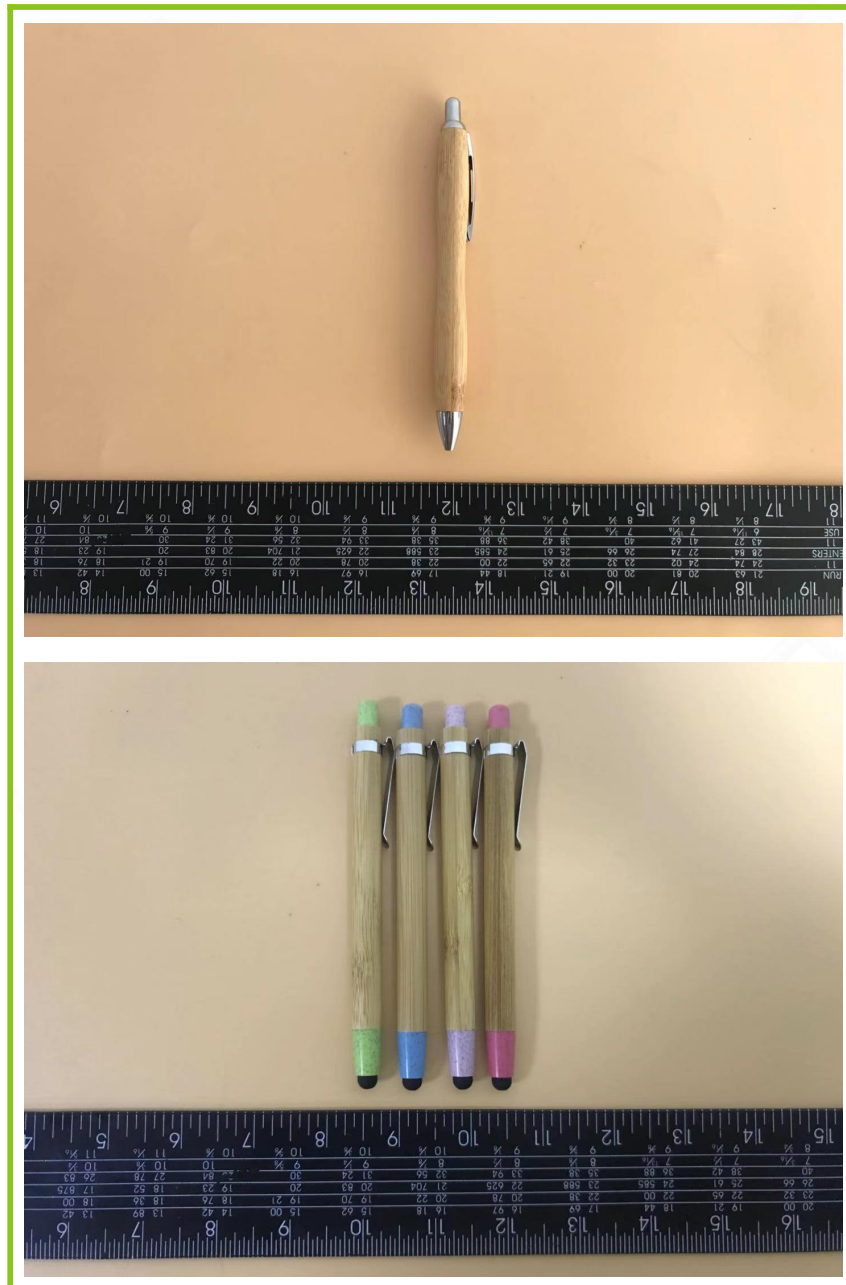


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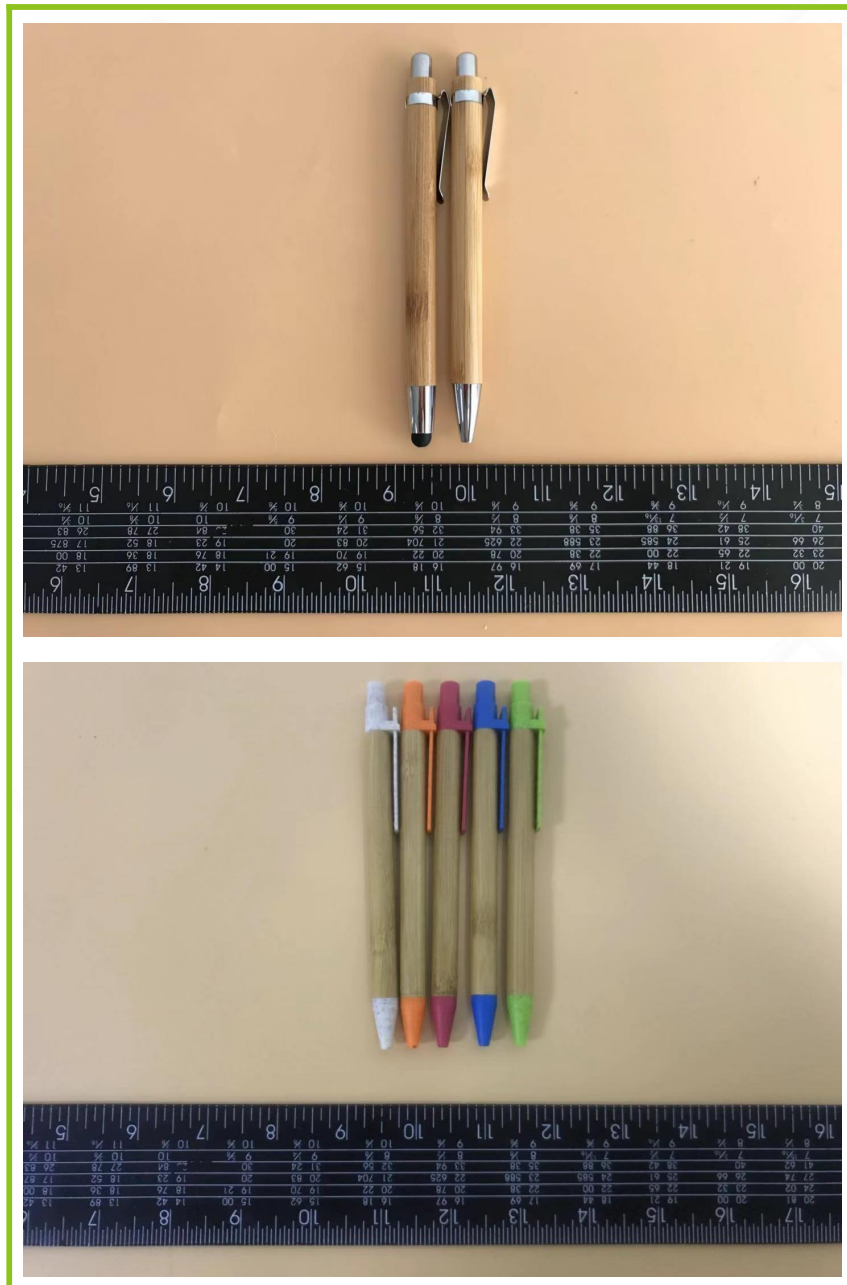


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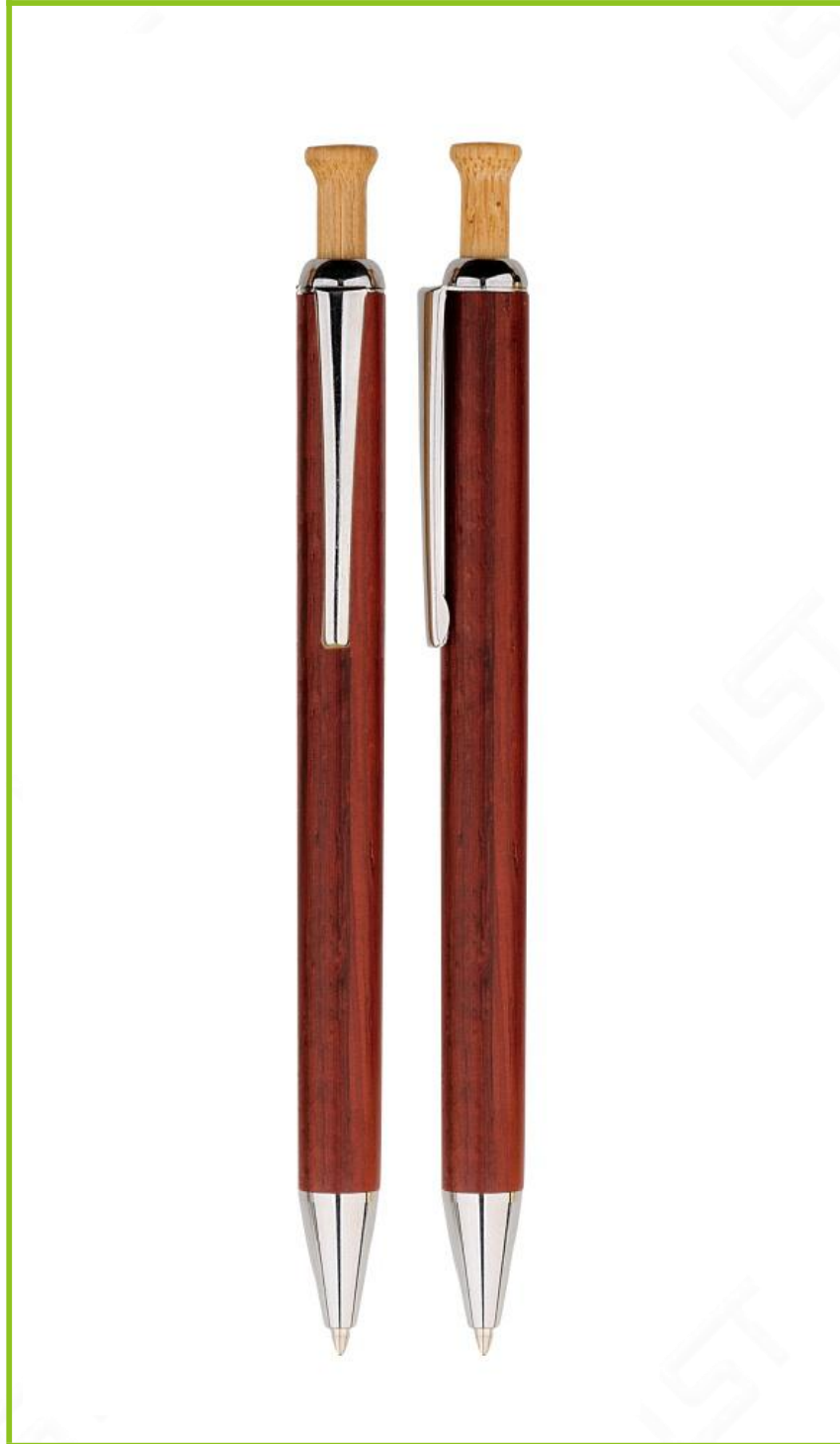


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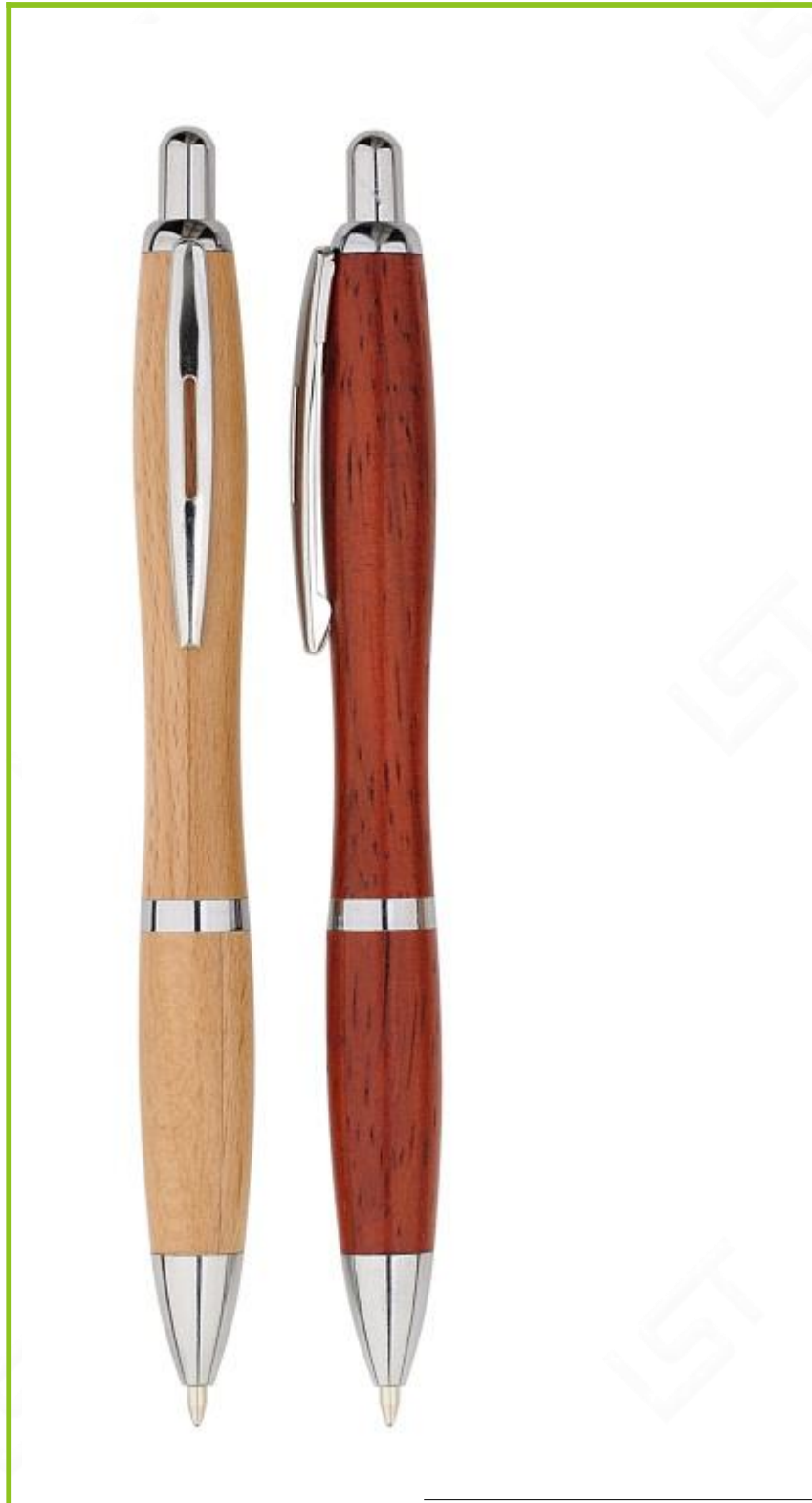


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## Test Result(s):

Annex XVII items 63 of the REACH - Lead content

Method: With reference to CPSC-CH-E1002-08.3:2012, analyzed by Atomic Absorption Spectroscopy (AAS).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
(01+02)▲	500	N.D.	PASS
(03+04+05)▲	500	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL (Reporting Limit) = 10 mg/kg.
  4. "▲" this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.

Annex XVII items 23 of the REACH - Cadmium content

Method: With reference to CPSC-CH-E1002-08.3:2012, analyzed by Atomic Absorption Spectroscopy (AAS).

Material No.	Limit (mg/kg)	Result (mg/kg)	Conclusion
(01+02)▲	100	N.D.	PASS
(03+04+05)▲	100	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL (Reporting Limit) = 5 mg/kg.
  4. "▲" this data for several samples of mixed test results, the actual data of one or several samples in mixed samples are likely more than the results, please be careful to use this data.

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Annex XVII items 51&52 of the REACH - Phthalates

Method: With reference to CPSC-CH-C1001-09.4:2018, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Substances	DBP	BBP	DEHP	DIBP	SUM	DNOP	DIDP	DINP	SUM	Conclusion
CAS No.	84-74-2	85-68-7	117-81-7	84-69-5	--	117-84-0	26761-40-0 /68515-49-1	28553-12-0 /68515-48-0	--	
Limit (mg/kg)	--	--	--	--	1000	--	--	--	1000	
RL (mg/kg)	50	50	50	50	--	50	100	100	--	
Material No.	Result (mg/kg)									
(03+04+05)▲	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS
(06+07+08)▲	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	PASS

- Note:**
1. mg/kg = milligram per kilogram (ppm).
  2. N.D. = Not Detected (< RL).
  3. RL= Reporting Limit.
  4. The DBP,BBP,DEHP and DIBP shall not be used as substances or in mixtures,in concentrations greater than 1000 mg/kg by weight of the plasticised material, in toys and childcare articles.
  5. The DNOP,DIDP and DINP shall not be used as substances or in mixtures, in concentrations greater than 1000 mg/kg by weight of the plasticised material, in toys and childcare articles which can be placed in the mouth by children.

\*\*\*End of Report\*\*\*