

**Test Report****Report No.: GZAFN160100161M****Date: Jan 13 2016**

Client name: Pointer Metal And Electronic Product Co., Ltd  
Client address: Longmian, Duruan Town, Pengjiang District, Jiangmen, Guangdong, China  
Sample name: Telescopic Fork  
Sample Batch No.: /  
Product Date: 2015-12-9  
Manufacturer: Pointer Metal And Electronic Product Co., Ltd  
Sample other information: /

**Above sample(s) was/were submitted and certified by the client, SGS quoted the information with no responsibility as to the accuracy, adequacy and/or completeness.**

SGS Sample No.: GZAFN160100161M  
SGS reference No.: CANAF1600397801  
Date of sample received: Jan. 07, 2016  
Testing period: Jan. 07, 2016 ~ Jan. 13, 2016

**TEST(S) REQUESTED:**

Selected test(s) as requested by the applicant

**TEST METHOD(S):**

Please refer to next page(s)

**TEST RESULT(S):**

Please refer to next page(s)

**RESULT SUMMARY:**

Test Requested	Conclusion
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9—Specific migration of heavy metal	PASS

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch



**This test report refers only to the sample(s) tested. This document cannot be used for publicity, without prior written approval of the SGS.**

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## TEST RESULT(S):

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9— Specific migration of heavy metal

Test Requested : As specified by client, to determine Specific migration of heavy metal from metal and alloys used in contact with food for compliance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9.

Test Method : With reference to EN13130-1:2004 for selection of test method; analysis was performed by CP-OES and ICP-MS.

Simulant Used : 0.5% Citric acid (W/V) aqueous solution

Test Condition : 100°C 2.0hr(s)

The ratio of surface area to volume ratio was : 6.0 dm<sup>2</sup>/kg

Test Item(s)	Limit	Unit	Method Detection Limit	Test Result
Aluminium(Al)	5	mg/kg	0.2	Not detected
Antimony(Sb)	0.04	mg/kg	0.02	Not detected
Chromium(Cr)	0.25	mg/kg	0.1	0.1
Cobalt(Co)	0.02	mg/kg	0.01	Not detected
Copper(Cu)	4	mg/kg	0.1	Not detected
Iron(Fe)	40	mg/kg	0.25	4.71
Manganese(Mn)	1.8	mg/kg	0.25	Not detected
Molybdenum(Mo)	0.12	mg/kg	0.02	Not detected
Nickel(Ni)	0.14	mg/kg	0.05	Not detected
Silver(Ag)	0.08	mg/kg	0.03	Not detected
Tin (Sn)	100	mg/kg	5	Not detected
Vanadium(V)	0.01	mg/kg	0.005	Not detected
Zinc(Zn)	5	mg/kg	1	Not detected
Arsenic(As)	0.002	mg/kg	0.001	Not detected
Barium(Ba)	1.2	mg/kg	0.25	Not detected
Beryllium(Be)	0.01	mg/kg	0.005	Not detected
Cadmium(Cd)	0.005	mg/kg	0.002	Not detected
Lead(Pb)	0.01	mg/kg	0.005	Not detected
Lithium(Li)	0.048	mg/kg	0.02	Not detected
Mercury(Hg)	0.003	mg/kg	0.002	Not detected
Thallium(Tl)	0.0001	mg/kg	0.0001	Not detected

Notes: mg/kg = milligram per kilogram of foodstuff in contact with.

**SAMPLE DESCRIPTION:** Metal fork

Photo Appendix



Test sample



SGS authenticate the photo on original report only

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

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