



Test Report

Report No. TCSH20042324430

Date: May 18, 2020

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Applicant : SHANGHAI ROBTOL TOOL MANUFACTURING CO., LTD.
 Address : No.539, Huancheng North Road, Fengxian, Shanghai, China
 Sample Name : BBQ TOOLS
 Sample Model : SK19111, SK190706, SK18126, SK181209, SK190302, SK19101,
 SK190304, SK190109, SK190305, SK190306, SK190710, SK190307,
 SK190310, SK190311, SK190315, SK190327, SK190316, SK190317,
 SK190318, SK190326, SK190319, SK190323, SK190325, SK190324,
 SK190322, SK190313, SK190314, SK190320, SK190308, SK190309,
 SK190328, SK190901
 Receive Date : April 23, 2020
 Testing Period : April 23, 2020 – May 18, 2020

Test Result Summary:

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

TEST REQUESTED	CONCLUSION(S)
Migration of Heavy Metals Contents for Metal in Contact with Foodstuffs	PASS

Authorized Signature  *Shi Lei*
 On behalf of Shanghai Global Testing Services Co., Ltd.
 Shi Lei/Kevin
 Approved Signatory-GTS/SHO



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Test Result(s):

Test Part Description

Material No.	Sample name	Sample Description
<u>01</u>	BBQ TOOLS	Silvery metal

Migration of Heavy Metals content

Test method: With reference to CM/Res (2013) 9

Metals and Alloys used in Food Contact Materials and articles - A Practical Guide to Manufacturers and Regulators, Chapter 3

<u>Item No.</u>	<u>Test Items</u>	<u>Sum of 1st & 2nd Migrate (mg/kg)</u>		<u>3rd Migrate (mg/kg)</u>	
		<u>01</u>		<u>01</u>	
		<u>Limit (7 X SRL)</u>	<u>Results</u>	<u>Limit (SRL)</u>	<u>Results</u>
1	Aluminum (Al)	35	<0.1	5	<0.1
2	Antimony (Sb)	0.28	<0.004	0.04	<0.004
3	Chromium (Cr)	1.75	<0.1	0.25	<0.1
4	Cobalt (Co)	0.14	<0.005	0.02	<0.005
5	Copper (Cu)	28	<0.5	4	<0.5
6	Iron (Fe)	280	<5	40	<5
7	Manganese (Mn)	12.6	0.337	1.8	<0.1
8	Molybdenum (Mo)	0.84	<0.01	0.12	<0.01
9	Nickel (Ni)	0.98	<0.02	0.14	<0.02
10	Silver (Ag)	0.56	<0.01	0.08	<0.01
11	Tin (Sn)	700	<5	100	<5
12	Vanadium (V)	0.07	<0.002	0.01	<0.002
13	Zinc (Zn)	35	<1	5	<1
14	Arsenic (As)	0.014	<0.001	0.002	<0.002
15	Barium (Ba)	8.4	<0.1	1.2	<0.1
16	Beryllium (Be)	0.07	<0.001	0.01	<0.001
17	Cadmium (Cd)	0.035	<0.001	0.005	<0.001
18	Lead (Pb)	0.07	<0.002	0.01	<0.002
19	Lithium (Li)	0.336	<0.01	0.048	<0.01
20	Mercury (Hg)	0.021	<0.0004	0.003	<0.0004



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		<u>01</u>		<u>01</u>	
		<u>Limit (7 X SRL)</u>	<u>Results</u>	<u>Limit (SRL)</u>	<u>Results</u>
21	Thallium (Tl)	0.0007	<0.00005	0.0001	<0.00005
22	Titanium (Ti)	-	<0.5	-	<0.5
23	Magnesium (Mg)	-	<0.5	-	<0.5
<u>Conclusion</u>			PASS	/	PASS

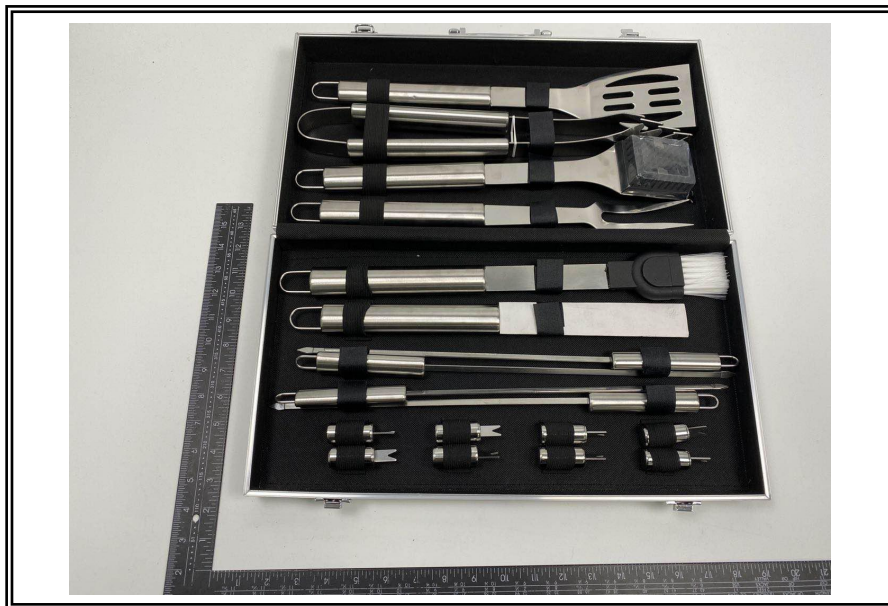
- Note:**
1. Test condition: 2 hrs at 40 °C, using 0.5% Citric.
 2. "<"= less than.
 3. The sum of the results of the first and second migrates should not be exceed seven times of the SRL.
 4. SRL= Specific Release Limits.
 5. The maximum specific release limit(s) was (were) referenced from Metals and Alloys used in Food Contact Materials and articles - A Practical Guide to Manufacturers and Regulators (2013 1st Edition) published by European Directorate for the Quality of Medicines and HealthCare (EDQM), Chapter 1, Article 4, Tables 1 and 2.
 6. Appropriate test condition(s) was (were) selected according to Guidelines on Testing Conditions for Articles in Contact with Foodstuffs (With a Focus on Kitchenware) (2009 1st Edition) published by European Commission Joint Research Center (JRC).

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Sample Photo(s):



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