

Test Report

No. CANHG2216694801

Date: 09 Aug 2022

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Client Name : TAI YUAN HUI DE RI XIN METAL MATERIAL CO. LTD

Client Address : NO 73 GANGYUAN ROAD, STAINLESS STEEL PARK, JIAN CAOPING DISTRICT TAIYUAN CITY SHANXI

Sample Name : Damascus steel board

Item No. : DV10-H2.5

Manufacturer : TAI YUAN HUI DE RI XIN METAL MATERIAL CO. LTD

The above sample(s) and information were provided by the client.

SGS Job No. : GZHL2208124147CW - GZ

Date of Sample Received : 03 Aug 2022

Testing Period : 03 Aug 2022 - 09 Aug 2022

Test Requested : Selected test(s) as requested by the client.

Test Method(s) : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution CM/Res(2013)9—Extractable heavy metal	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Kim Cai

Kim Cai
Approved Signatory

scan to see the report



CANHG2216694801

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory.

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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN22-166948.001	Silvery metal board	Damascus steel

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Council of Europe Resolution CM/Res(2013)9-Extractable heavy metal

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

Sample 001:

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

Test Condition : 70 °C 0.5 hr(s)

The ratio of surface area to volume was : 5.8 dm²/kg

Test Item(s)	Limit	Unit	MDL	<i>1st + 2nd Migration</i>
Aluminium(Al)	35	mg/kg	0.2	ND
Antimony(Sb)	0.28	mg/kg	0.02	ND
Chromium(Cr)	1.75	mg/kg	0.1	0.1
Cobalt(Co)	0.14	mg/kg	0.01	ND
Copper(Cu)	28	mg/kg	0.1	ND
Iron(Fe)	280	mg/kg	0.25	9.22
Manganese(Mn)	12.6	mg/kg	0.25	ND
Molybdenum(Mo)	0.84	mg/kg	0.02	ND
Nickel(Ni)	0.98	mg/kg	0.05	0.23
Silver(Ag)	0.56	mg/kg	0.03	ND
Tin (Sn)	700	mg/kg	5	ND
Vanadium(V)	0.07	mg/kg	0.005	ND
Zinc(Zn)	35	mg/kg	1	ND
Arsenic(As)	0.014	mg/kg	0.001	ND
Barium(Ba)	8.4	mg/kg	0.25	ND
Beryllium(Be)	0.07	mg/kg	0.005	ND
Cadmium(Cd)	0.035	mg/kg	0.002	ND
Lead(Pb)	0.07	mg/kg	0.005	ND
Lithium(Li)	0.336	mg/kg	0.02	ND
Mercury(Hg)	0.021	mg/kg	0.002	ND
Thallium(Tl)	0.0007	mg/kg	0.0001	ND



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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>3rd Migration</u>
Aluminium(Al)	5	mg/kg	0.2	ND
Antimony(Sb)	0.04	mg/kg	0.02	ND
Chromium(Cr)	0.25	mg/kg	0.1	ND
Cobalt(Co)	0.02	mg/kg	0.01	ND
Copper(Cu)	4	mg/kg	0.1	ND
Iron(Fe)	40	mg/kg	0.25	0.82
Manganese(Mn)	1.8	mg/kg	0.25	ND
Molybdenum(Mo)	0.12	mg/kg	0.02	ND
Nickel(Ni)	0.14	mg/kg	0.05	ND
Silver(Ag)	0.08	mg/kg	0.03	ND
Tin (Sn)	100	mg/kg	5	ND
Vanadium(V)	0.01	mg/kg	0.005	ND
Zinc(Zn)	5	mg/kg	1	ND
Arsenic(As)	0.002	mg/kg	0.001	ND
Barium(Ba)	1.2	mg/kg	0.25	ND
Beryllium(Be)	0.01	mg/kg	0.005	ND
Cadmium(Cd)	0.005	mg/kg	0.002	ND
Lead(Pb)	0.01	mg/kg	0.005	ND
Lithium(Li)	0.048	mg/kg	0.02	ND
Mercury(Hg)	0.003	mg/kg	0.002	ND
Thallium(Tl)	0.0001	mg/kg	0.0001	ND

Notes :

- 1.mg/kg = milligram per kilogram of foodstuff in contact with
 - 2.MDL = Method Detection Limit
 - 3.ND = Not Detected (< MDL)
 - 4.According to Council of Europe Resolution CM/Res(2013)9, the result from 3rd migration shall comply with the Specific Release Limit (SRL) and the sum of 1st and 2nd migration shall not exceed seven times of SRL for repeated use articles
- Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



Sample photo:



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*** End of Report ***

