

The following samples were submitted and identified on behalf of the clients as

Sample Name: 16pcs set cutlery
Sample Description: stainless steel
Model: BC5160
Material: Stainless steel
Sample Quantity: 9pcs dinner spoon&9pcs dinner knife&1set cutlery
Brilliant

Trader:

CPST Internal Reference No.:

Sample Received Date: Mar 19, 2021
Test Period: Mar 19, 2021 to Mar 25, 2021
Test Method: Please refer to next page(s).
Test Result: Please refer to next page(s).

Signed for and on behalf of

WRITTEN BY :

Iris Chan

Chen Zhi Qing, Iris
Report writer

REVIEWED BY:

Sunshine Liu

Liu Xiao Fang, Sunshine
Report Reviewer

APPROVED BY:

Will Pan

Pan Jian Ding, Will
Technical Supervisor

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CONCLUSION :

TESTED SAMPLES

RESULT

16pcs set cutlery

Acts LFGB (S 30 & 31) and Regulation (EC) No. 1935/2004

1. Sensorial examination odour and taste test
2. Extractable Heavy Metal

PASS

PASS

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Photo of the Submitted Sample



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Test Result(s):

Description of Specimen : 16pcs set cutlery
9 knives
9 tablespoons

1. Sensorial examination odour and taste test - German Food, Articles of Daily Use and Feed Code of September 1,2005 (LFGB)Section 30 & 31, BfR recommendation

Test Method: With reference to Robinson's test with reference to DIN10955:2004

Test Items	Result	Maximum Permissible limit
Sensorial examination odour (Point scale)	1.0	2.5
Sensorial examination taste (Point scale)	1.0	2.5

Note:

0=no discernible deviation

1=barely discernible deviation

2=weak deviation

3=clear deviation

4=strong deviation

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2. Extractable Heavy Metal- German Food, Articles of Daily Use and Feed Code of September 1,2005 (LFGB)Section 30 & 31, BfR recommendation

Requirement : The extractable heavy metal of Third shall not exceed SRL and the First+Second shall not exceed 7*SRL for repeated use.

Test Items	Test condition	Result (mg/kg)			MDL (mg/kg)	SRL (mg/kg)
		First	Second	Third		
Aluminum (Al)	70°C, 2h 0.5% citric acid	N.D.	N.D.	N.D.	0.2	5
Antimony (Sb)		N.D.	N.D.	N.D.	0.02	0.04
Chromium (Cr)		N.D.	N.D.	N.D.	0.1	0.25
Cobalt (Co)		N.D.	N.D.	N.D.	0.01	0.02
Copper (Cu)		N.D.	N.D.	N.D.	0.1	4
Iron (Fe)		0.920	0.730	0.440	0.25	40
Manganese (Mn)		N.D.	N.D.	N.D.	0.25	1.8
Molybdenum (Mo)		N.D.	N.D.	N.D.	0.02	0.12
Nickel (Ni)		N.D.	N.D.	N.D.	0.05	0.14
Sliver (Ag)		N.D.	N.D.	N.D.	0.03	0.08
Tin(Sn)		N.D.	N.D.	N.D.	5	100
Vanadium(V)		N.D.	N.D.	N.D.	0.005	0.01
Zinc (Zn)		N.D.	N.D.	N.D.	1	5
Arsenic(As)		N.D.	N.D.	N.D.	0.001	0.002
Barium (Ba)		N.D.	N.D.	N.D.	0.25	1.2
Beryllium(Be)		N.D.	N.D.	N.D.	0.005	0.01
Cadmium (Cd)		N.D.	N.D.	N.D.	0.002	0.005
Lead (Pb)		N.D.	N.D.	N.D.	0.005	0.01
Lithium (Li)		N.D.	N.D.	N.D.	0.02	0.048
Mercury (Hg)		N.D.	N.D.	N.D.	0.002	0.003
Thallium (Tl)		N.D.	N.D.	N.D.	0.0001	0.0001
Magnesium(Mg)		N.D.	N.D.	N.D.	0.05	---
Titanium(Ti)		N.D.	N.D.	N.D.	0.05	---

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		First	Second	Third		
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Antimony (Sb)		N.D.	N.D.	N.D.	0.02	0.04
Chromium (Cr)		N.D.	N.D.	N.D.	0.1	0.25
Cobalt (Co)		N.D.	N.D.	N.D.	0.01	0.02
Copper (Cu)		N.D.	N.D.	N.D.	0.1	4
Iron (Fe)		0.940	0.430	N.D.	0.25	40
Manganese (Mn)		N.D.	N.D.	N.D.	0.25	1.8
Molybdenum (Mo)		N.D.	N.D.	N.D.	0.02	0.12
Nickel (Ni)		N.D.	N.D.	N.D.	0.05	0.14
Sliver (Ag)		N.D.	N.D.	N.D.	0.03	0.08
Tin(Sn)		N.D.	N.D.	N.D.	5	100
Vanadium(V)		N.D.	N.D.	N.D.	0.005	0.01
Zinc (Zn)		N.D.	N.D.	N.D.	1	5
Arsenic(As)		N.D.	N.D.	N.D.	0.001	0.002
Barium (Ba)		N.D.	N.D.	N.D.	0.25	1.2
Beryllium(Be)		N.D.	N.D.	N.D.	0.005	0.01
Cadmium (Cd)		N.D.	N.D.	N.D.	0.002	0.005
Lead (Pb)		N.D.	N.D.	N.D.	0.005	0.01
Lithium (Li)		N.D.	N.D.	N.D.	0.02	0.048
Mercury (Hg)		N.D.	N.D.	N.D.	0.002	0.003
Thallium (Tl)		N.D.	N.D.	N.D.	0.0001	0.0001
Magnesium(Mg)		N.D.	N.D.	N.D.	0.05	---
Titanium(Ti)		N.D.	N.D.	N.D.	0.05	---

Note: mg/kg =milligram per kilogram = ppm
MDL = Method Detection Limit

N.D. = Not Detected (less than MDL)
SRL = Specific Release Limit

results are only responsible for the submitted sample..

*** End of Report ***

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