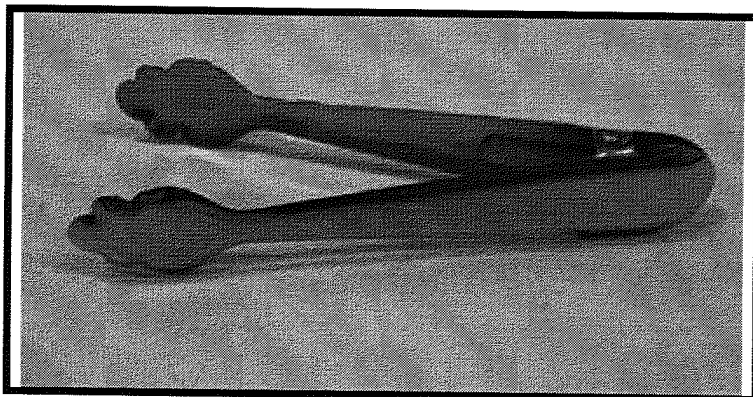


TEST REPORT

NUMBER : DELH21014778
DATE : 31ST OCT, 2021



ORIGINAL SAMPLE



TEST REPORT

NUMBER : DELH21014778
DATE : 31ST OCT, 2021

SAMPLE DESCRIPTION : ICE TONG

DATE RECEIVED : 27TH OCT, 2021
BUYER : --
BUYING AGENT : --
STYLE NO. : --
ORDER NO : --
COLOR : --
END USE : STAINLESS STEEL ARTICLE FOR FOOD STUFF
MATERIAL : --
CONTENT : --
SEASON : --
COUNTRY OF DESTINATION : --
COUNTRY OF ORIGIN : --
MANUFACTURER'S NAME : --

TESTS CONDUCTED: AS REQUESTED BY THE APPLICANT. FOR FURTHER DETAILS PLEASE REFER TO THE ENCLOSED PAGE (S).

CONCLUSION:

TESTED SAMPLE	STANDARD	RESULT
SUBMITTED SAMPLE	SPECIFIC MIGRATION OF HEAVY METAL (23 ELEMENTS) (COUNCIL OF EUROPE RESOLUTION CM/RES (2013)9 ON METALS AND ALLOYS USED IN FOOD CONTACT MATERIALS AND ARTICLES ACC. TO ART. 3 OF (EC)1935/2004 REGULATION	M
	ODOUR TEST & SENSORY TEST (LFGB SECTION 30 & 31 /DIN- 10955)	M

NOTE: M = MEET CLIENT'S REQUIREMENT
= NO SPECIFIED REQUIREMENT

F = BELOW CLIENT'S REQUIREMENT
N/A = NOT APPLICABLE

FOR INTERTEK INDIA PVT. LTD

Sanjay Sadana

SANJAY SADANA
TECHNICAL MANAGER – HARDLINE



TEST REPORT

NUMBER : DELH21014778
DATE : 31ST OCT, 2021

TEST CONDUCTED:

1. SPECIFIC MIGRATION OF HEAVY METAL:

(COUNCIL OF EUROPE RESOLUTION CM/RES (2013)9 ON METALS AND ALLOYS USED IN FOOD CONTACT MATERIALS AND ARTICLES ACC. TO ART. 3 OF (EC) 1935/2004 REGULATION)

TEST CONDITIONS: ARTIFICIAL TAP WATER AT ROOM TEMP. FOR 30 MIN.

TESTED COMPONENT: ICE TONG

ELEMENT	RESULT (mg/kg food)	REQUIREMENT (mg/kg food)
	AFTER 1 ST + 2 ND MIGRATION CYCLE	
SILVER (AG)	<0.1	0.56
ALUMINIUM (AL)	<2	35
COBALT(CO)	<0.02	0.14
CHROMIUM(CR)	<0.2	1.75
COPPER (CU)	<2.0	28
IRON(Fe)	<10	280
MAGNESIUM(MG)	<2	-
MANGANESE(MN)	<0.2	12.6
MOLYBDENUM(MO)	<0.2	0.84
NICKEL(NI)	<0.2	0.98
TIN(SN)	<10	700
TITANIUM(TI)	<0.2	-
VANADIUM(V)	<0.02	0.070
ZINC(ZN)	<10	35
ARSENIC(AS)	<0.002	0.014
BARIUM(BA)	<0.2	8.4
BERYLIUM(BE)	<0.02	0.07
CADMIUM(CD)	<0.002	0.035
MERCURY(HG)	<0.002	0.021
LITHIUM(LI)	<0.002	0.336
LEAD(PB)	<0.002	0.070
ANTIMONY(SB)	<0.02	0.28
THALLIUM(TL)	<0.0002	0.0007



TEST REPORT

NUMBER : DELH21014778
DATE : 31ST OCT, 2021

TEST CONDITIONS: ARTIFICIAL TAP WATER AT ROOM TEMP. FOR 30 MIN.

3RD Attack Result

ELEMENT	RESULT (mg/kg food)	REQUIREMENT (mg/kg food)
SILVER (AG)	<0.01	0.08
ALUMINIUM (AL)	<1	5
COBALT(CO)	<0.01	0.02
CHROMIUM(CR)	<0.1	0.250
COPPER (CU)	<1	4
IRON(FE)	<5	40
MAGNESIUM(MG)	<1	-
MANGANESE(MN)	<0.1	1.8
MOLYBDENUM(MO)	<0.1	0.12
NICKEL(NI)	<0.1	0.14
TIN(SN)	<5	100
TITANIUM(TI)	<0.1	-
VANADIUM(V)	<0.01	0.01
ZINC(ZN)	<5	5
ARSENIC(AS)	<0.001	0.002
BARIUM(BA)	<0.10	1.2
BERYLIUM(BE)	<0.01	0.01
CADMIUM(CD)	<0.001	0.005
MERCURY(HG)	<0.001	0.003
LITHIUM(LI)	<0.001	0.048
LEAD(PB)	<0.001	0.010
ANTIMONY(SB)	<0.01	0.04
THALLIUM(TL)	<0.0001	0.0001



TEST REPORT

NUMBER : DELH21014778
DATE : 31ST OCT, 2021

2. ODOUR TEST & SENSORY TEST:

METHOD: (LFGB SECTION 31 /DIN- 10955)
TEST CONDITIONS AND RESULTS:
ODOUR TEST:
SIMULANT USED: WATER
TEMPERATURE: ROOM TEMP.
TIME: 30 MIN.

SENSORY TEST
SIMULANT USED: WATER
TEMPERATURE: ROOM TEMP.
TIME: 30 MIN.

TESTED SAMPLE	RESULT	LIMIT
SUBMITTED SAMPLE	COMPLIES ODOUR: Grade: 0 SENSORY: Grade: 0	Grade: ≤2.5

ODOUR GRADE LIST:

0= NO PERCEPTIBLE OFF ODOUR
1= OFF ODOUR JUST PERCEPTIBLE
2= SLIGHT OFF ODOUR
3= DISTINCT OFF ODOUR
4= STRONG OFF ODOUR.

SENSORY GRADE LIST:

0= NO PERCEPTIBLE OFF IN TASTE
1= JUST PERCEPTIBLE DIFFERENCE IN TASTE (STILL DIFFICULT TO DEFINE)
2= WEAK DIFFERENCE IN TASTE
3= MARKED DIFFERENCE IN TASTE
4= STRONG DIFFERENCE IN TASTE

TESTED COMPONENT:

A. ICE TONG

END OF TEST REPORT

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis, and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or willful misconduct.

