

TEST REPORT

Report No. : CH:TX:1042062348

DATE : 25/11/2019



CEPHAS MEDICAL PRIVATE LIMITED

DP 33, 34, 46 & 47, SIDCO INDUSTRIAL ESTATE (URBAN)

VIRUDHUNAGAR-626103

IN

CONTACT PERSON : C.R SARAVANAN

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION GLOVES
 UNSUPPORTED LONG UNLINED NITRILE GLOVES AND CNU 22 - 18

COLOUR GREEN

STYLE NO. 7/8/9/10 AND 11

BUYING HOUSE **NOT PROVIDED**

COUNTRY OF DESTINATION INDIA

COUNTRY OF ORIGIN INDIA

SAMPLE RECD ON 19/11/2019 **TESTING PERIOD : 19/11/2019 - 25/11/2019**

RESULT SUMMARY

TESTS	PASS	FAIL	REMARKS
Specific migration of Formaldehyde			
1	X		
Overall Migration			
1	X		
Polycyclic Aromatic Hydrocarbon			
1			REFER RESULTS
Heavy Metal			
1			REFER RESULTS
Primary Aromatic Amines			
1			REFER RESULTS
Nitrosamine Levels			
1			REFER RESULTS

Per pro SGS India Private Ltd



P.SHANMUGAM
EXECUTIVE

Email your Test Report Related Enquiries at Feedback.SLT@sgs.com

TEST REPORT

Report No. : CH:TX:1042062348

DATE : 25/11/2019



Component list / List of materials

Sample No.	Material No.	Component	Material/Composition	Colour	Remarks
1	1	Unsupported Long Unlined Nitrile Gloves And Cnu 22 - 18	--	Green	

TEST REPORT

Report No. : CH:TX:1042062348

DATE : 25/11/2019



Specific migration of Formaldehyde

Method: With reference to EN 12868:2017. Analysis was performed by GC-MS.

Simulant Used: 3% acetic acid (w/v) in aqueous solution

Test Condition : 40 degree / 30min - (1st Migration)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
Specific Migration of Formaldehyde	ND	0.1	15
Comment	PASS	--	--

Sample Description:

1. Gloves - Green

Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with
 2. °C = degree Celsius
 3. ND = Not Detected
 4. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.

Overall migration

Method: With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods (simulants by total immersion method)

Simulant: 10% Ethanol, 50% Ethanol, 3% Acetic Acid, Isooctane. Test condition: 40°C for 0.5 Hrs)

Simulant Used	Test Condition	Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		1		
10% Ethanol (V/V) Aqueous Solution	40°C for 0.5 Hrs	ND	3.0	10.0
3% Acetic Acid (W/V) Aqueous Solution	40°C for 0.5 Hrs	ND	3.0	10.0
Isooctane	40°C for 0.5 Hrs	ND	3.0	10.0
50% Ethanol (V/V) Aqueous Solution	40°C for 0.5 Hrs	ND	3.0	10.0

Note: 1. mg/dm² = milligram per square decimeter
 2. °C = degree Celsius
 3. ND = Not Detected

Remark :
 Test condition & simulant were specified by client.

Sample Description: Gloves - Green



Polyaromatic Hydrocarbons Content

Test Method: With reference to AfPS GS 2014:01 PAK. Analysis was performed by GC-MS.

	CAS-No.	Result
		1
Naphthalene (NAP)	91-20-3	ND
Acenaphthylene (ANY)	208-96-8	ND
Acenaphthene (ANA)	83-32-9	ND
Fluorene (FLU)	86-73-7	ND
Phenanthrene (PHE)	85-01-8	ND
Anthracene (ANT)	120-12-7	ND
Fluoranthene (FLT)	206-44-0	ND
Pyrene (PYR)	129-00-0	ND
Benzo[a]anthracene (BaA)	56-55-3	ND
Chrysene (CHR)	218-01-9	ND
Benzo[b]fluoranthene (BbF)	205-99-2	ND
Benzo[j]fluoranthene (BjF)	205-82-3	ND
Benzo[k]fluoranthene (BkF)	207-08-9	ND
Benzo[a]pyrene (BaP)	50-32-8	ND
Benzo[e]pyrene (BeP)	192-97-2	ND
Indeno[1,2,3-cd]pyrene (IPY)	193-39-5	ND
Dibenzo[a,h]anthracene (DBA)	53-70-3	ND
Benzo[g,h,i]perylene (BPE)	191-24-2	ND
Total 18 PAHs	--	ND

Note: n.d. = Not detected
 mg/kg = ppm
 Detection Limit = 0.1 mg/kg (for individual compound)

TEST REPORT

Report No. : CH:TX:1042062348

DATE : 25/11/2019



Heavy Metals

Test method : Total- Digestion method with reference to EN 16711-1:2015 / Analysis using ICP-MS

S.No.	Parameter	<u>Result</u>	Detection Limit
		<u>1</u>	
1	LEAD (Pb)	ND	5 mg/kg
2	ANTIMONY (Sb)	ND	5 mg/kg
3	ARSENIC (As)	ND	5 mg/kg
4	CHROMIUM (Cr)	ND	5 mg/kg
5	CADMIUM (Cd)	ND	5 mg/kg
6	MERCURY (Hg)	ND	5 mg/kg
7	NICKEL (Ni)	ND	5 mg/kg
8	COPPER (Cu)	ND	5 mg/kg
9	COBALT (Co)	ND	5 mg/kg

Note : ND - Not Detected

Primary Aromatic Amines

Test Method: With reference to AP(89) 1 / Analysis by HPLC-DAD

<u>No.</u>	<u>Substances</u>	<u>Result</u>
		<u>1</u>
1	4-aminodiphenyl/xenylamine/ Biphenyl-4-ylamine	ND
2	Benzidine	ND
3	2-naphthylamine	ND
4	Aniline	ND

Note: ND=Not Detected : Method Detection Limit : 10 mg/kg



Nitrosamine Levels

With reference to BS EN 12868:1999 /Analysis by GC-MS

	<u>Result</u>
	<u>1</u>
N-NITROSODIUM METHYLAMINE	ND
N-NITROSODIETHYLAMINE	ND
N-NITROSOPIPERIDINE	ND
N-NITROSODIPROPYLAMINE	ND
N-NITROSOMORPHOLINE	ND
N-NITROSODIPHENYLAMINE	ND
N-NITROSO DI n BUTYLAMINE	ND
N-NITROSOMETHYLETHYLAMINE	ND
N-NITROSOPYRROLIDINE	ND

Note: ND - Not Detected ; Method Detection Limit: 5 mg/kg



PHOTO



*** End of Report ***