

RANG DONG LIGHT SOURCE AND VACUUM FLASK JOINT STOCK COMPANY (RALACO)

87-89 HA DINH STREET, THANH XUAN DISTRICT, HANOI CITY, VIETNAM

The following sample was submitted and identified on behalf of the client as below:

SGS Job No. : VNHL1810015036HG

Sample Description : VACUUM FLASK 1045N1.E
Color : YELLOW
Characteristic : FINISH PRODUCT
Date of Production : 08/09/2018
Manufacturer : RANG DONG LIGHT SOURCE AND VACUUM FLASK JOINT STOCK COMPANY (RALACO)

Country of Origin : VIETNAM
Country of Destination : EU

Sample Receiving Date : OCTOBER 30, 2018
Final confirmed Date : OCTOBER 30, 2018
Testing Period : OCTOBER 30, 2018 TO NOVEMBER 27, 2018

Test Requested : PLEASE REFER TO THE RESULT SUMMARY.
Test Results : PLEASE REFER TO NEXT PAGE(S).

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Result Summary

Test Requested	Conclusion
Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB) Section 30 and DIN 51032:2017 – Leachable Lead and Cadmium	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments, European Commission Regulation (EU) No 10/2011 with Amendments and BfR Recommendations.	--
a) Plastic – Overall Migration	PASS
b) Plastic – Specific Migration of Heavy Metals	PASS
c) Plastic – Chromium Content	PASS
d) Plastic – Lead and Cadmium Content	PASS
e) Plastic – Polycyclic Aromatic Hydrocarbons (PAHs)	PASS
f) ABS – Specific Migration of Acrylonitrile	PASS
g) ABS – Volatile Organic Matter (VOM)	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments and BfR Recommendation	--
a) Silicone – Lead and Cadmium	PASS
b) Silicone – Volatile Organic Matter (VOM)	PASS
c) Silicone – Extractable Components	PASS
d) Silicone – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and BfR Recommendation (Selected test as specified by Client)	--
a) Silicone – Peroxide Value	PASS
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments, European Commission Regulation (EU) No 10/2011 with Amendments and BfR Recommendations.	--
German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments.	--
a) Colour Release	PASS
b) Sensorial Examination Odour and Taste Test	PASS

Signed for and on behalf of

SGS Vietnam LTD

Wong Cho Wing

Hardline and E&E Lab Manager

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Test result:

Sample Description:

No.	Component	Material	Color	Remark
1	VACUUM FLASK 1045N1.E	FINISH PRODUCT	YELLOW	TESTED
2	GLASS REFILL	GLASS	SILVER	
3	SILICONE GASKETS ON LID AND BODY	SILICONE	WHITE	
4	COVER OF VACUUM FLASK	ABS	YELLOW	
5	INSIDE STOPPER OF LID	PP	WHITE	
6	COVER OF LID	ABS	YELLOW	REFERENCE NO.4

Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB) Section 30 and DIN 51032:2017 – Leachable Lead and Cadmium
Use below for 4 trials

Method: With reference to EN1388-1:1995 and EN 1388-2:1995. Analysis was performed by Atomic Absorption Spectrometry.

For tableware and kitchen equipment made from ceramic, glass or glass ceramic

Test Item	Sample Description					Reporting Limit	Hollowware Limit
	2(*)						
	2.1	2.2	2.3	2.4	Average		
Released Lead (mg/L)	ND	ND	ND	ND	ND	0.1	4.0
Released Cadmium (mg/L)	ND	ND	ND	ND	ND	0.01	0.3
Volume of 4% Acetic acid used (mL)	1000	1000	1000	1000	1000	--	--
Internal Depth (mm)	110	110	110	110	110	--	--
Diameter (mm)	70	70	70	70	70	--	--
Comment	PASS					--	--

Note : 1. mg/L = milligram per liter

2. ND = Not Detected

3. (*) The content of this test report is extracted from the test report number VNHL1811016567HG where the sample is claimed to be identical

Remark : 1. Hollow-ware – Articles do not fall into the category of flatware and storage containers. In borderline cases between flatware and hollowware, the article shall be classed as flatware.

2. Storage containers – Containers having a filling volume exceeding three liters.

3. Drinking rim –The drinking rim is the 20mm wide section, measured downwards from the upper edge along the wall of the vessel, of the external surface of a drinking vessel.

4. According to EN1388-1:1995 and EN 1388-2:1995, if the result of the first tested article does not exceed the limit by more than 150%, three more identical articles can be tested. The final result is passed if the average result does not exceed the limit with none of the articles exceeding the limit by more than 50%.

Remark: Test condition & simulant were specified by client.
These tests were performed by SGS Vietnam's Chemical lab.

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German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments, European Commission Regulation (EU) No 10/2011 with Amendments and BfR Recommendations.

a) Plastic – Overall Migration

Method: With reference to Commission Regulation (EU) No 10/2011 Annex III and Annex V for selection of condition and EN 1186-3:2002 aqueous food simulants by total immersion method (1st Migration);

Simulant Used	Test Condition	Result (mg/kg)		Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
		3 (**)	5 (****)		
3% Acetic Acid (W/V) Aqueous Solution	02 hours at 100°C	ND	ND	20	60
Comment	--	PASS	PASS	--	--

Simulant Used	Test Condition	Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
		4 (***)		
3% Acetic Acid (W/V) Aqueous Solution	02 hours at 100°C	ND	3.0	10
Comment	--	PASS	--	--

Note:

1. mg/kg = milligram per kilogram of foodstuff in contact with
2. mg/dm² = milligram per square decimeter
3. °C = degree Celsius
4. ND = Not Detected
5. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
6. (**) The content of this test report is extracted from the test report number VNHL1811016568HG where the sample is claimed to be identical
7. (***) The content of this test report is extracted from the test report number VNHL1811016569HG where the sample is claimed to be identical
8. (****) The content of this test report is extracted from the test report number VNHL1811016570HG where the sample is claimed to be identical

Remark:

1. Analytical tolerance of aqueous simulants is 2mg/dm² or 12mg/kg
2. Analytical tolerance of fatty food simulants is 3mg/dm² or 20mg/kg

Remark: Test condition & simulant were specified by client.
These tests were performed by SGS Vietnam's Chemical lab.

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b) Plastic – Specific Migration of Heavy Metals

Method: With reference to EN 13130-1:2004. Analysis was performed by ICP-OES.

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

 Test Condition: 24 hours at 70°C (1st Migration)

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	4 (***)	5 (****)		
Specific Migration of Aluminium*	ND	ND	0.1	1
Specific Migration of Barium	ND	ND	0.25	1
Specific Migration of Cobalt	ND	ND	0.01	0.05
Specific Migration of Copper	ND	ND	0.25	5
Specific Migration of Iron	ND	ND	0.25	48
Specific Migration of Lithium	ND	ND	0.5	0.6
Specific Migration of Manganese	ND	ND	0.25	0.6
Specific Migration of Zinc	ND	ND	0.5	25
Specific Migration of Zinc*	ND	ND	0.5	5
Comment	PASS	PASS	--	--

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.

5. (***) The content of this test report is extracted from the test report number VNHL1811016569HG where the sample is claimed to be identical

6. (****) The content of this test report is extracted from the test report number VNHL1811016570HG where the sample is claimed to be identical

Remark:

* = The limits of aluminium and zinc according to Commission Regulation (EU) 2016/1416 shall be applied from 14 September 2018.

1. The ratio of surface area to volume ratio is 0.95 dm² per 1 kg of foodstuff in contact with.
2. The volume of simulant used is 100 mL.

Remark: Test condition & simulant were specified by client.
 These tests were performed by SGS Vietnam's Chemical lab.

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c) Plastic – Chromium Content

Method: Acid digestion. Analysis was conducted by ICP-OES.

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	5 (****)			
Chromium Content	ND		2	10
Comment	PASS		--	--

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.
 5. (****) The content of this test report is extracted from the test report number VNHL1811016570HG where the sample is claimed to be identical

Remark: This/These test(s) was/were performed by SGS Vietnam's chemical lab

d) Plastic– Lead and Cadmium Content

Method: i) Lead and Cadmium content: Acid digestion. Analysis was performed by ICP-OES.

(for Plastic other than PET)

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	4 (***)	5 (****)		
Lead content	ND	ND	10	Absent
Cadmium content	ND	ND	5	Absent
Comment – Lead and Cadmium	PASS	PASS	--	--

Note : 1. Lead and Cadmium content: mg/kg = milligram per kilogram
 2. ND = Not Detected
 3. When Lead or/and Cadmium is/are found to be present but feasibly low in value to migrate, migratable lead or Cadmium will be determined to evaluate its compliance.
 4. Permissible Limit is according to German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments, (for Specific Migration of Pb or Cd) and Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, (for PET) and BfR Recommendation XVII.
 5. (***) The content of this test report is extracted from the test report number VNHL1811016569HG where the sample is claimed to be identical
 6. (****) The content of this test report is extracted from the test report number VNHL1811016570HG where the sample is claimed to be identical

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e) Plastic – Polycyclic Aromatic Hydrocarbons (PAHs) Content

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

Test Item	CAS number	Result	
		(mg/kg)	
		4 (***)	5 (****)
Naphthalene	91-20-3	ND	ND
Acenaphthylene	208-96-8	ND	ND
Acenaphthene	83-32-9	ND	ND
Fluorene	86-73-7	ND	ND
Phenanthrene	85-01-8	ND	ND
Anthracene	120-12-7	ND	ND
Fluoranthene	206-44-0	ND	ND
Pyrene	129-00-0	ND	0.12
Benzo[a]anthracene	56-55-3	ND	ND
Chrysene	218-01-9	ND	ND
Benzo[b]fluoranthene and Benzo[j]fluoranthene	205-99-2 205-82-3	ND	ND
Benzo[k]fluoranthene	207-08-9	ND	ND
Benzo[a]pyrene	50-32-8	ND	ND
Benzo[e]pyrene	192-97-2	ND	ND
Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND
Dibenz[a,h]anthracene	53-70-3	ND	ND
Benzo[g,h,i]perylene	191-24-2	ND	ND
Total 18 PAHs	--	ND	0.12
Conclusion		PASS	PASS

AfPS (German commission for Product Safety) : GS PAHs requirements

Parameter	Category 1 Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Category 2		Category 3	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG
Naphthalene (mg/kg)	< 1	< 2		< 10	
Acenaphthylene (mg/kg)	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Acenaphthene (mg/kg)					
Fluorene (mg/kg)					

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Parameter	Category 1	Category 2		Category 3	
Phenanthrene (mg/kg)					
Anthracene (mg/kg)					
Fluoranthene (mg/kg)					
Pyrene (mg/kg)					
Benzo[a]anthracene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-cd]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenz[a,h]anthracene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Sum 18 PAH (mg/kg)	<1	< 5	< 10	< 20	< 50

Remark: The German committee on Product Safety (AfPS) adopted a new PAHs document on August 4, 2014, which is taken into account by the GS certification bodies for the certification process of the GS mark now. The transitional arrangements and deadlines contained therein shall determine the procedure for existing certificates and new certificates; also there are exceptions. The previously valid PAK-document (ZEK 01.4-08, English version) will be repealed after 30th of June.2015.

Note: < = less than
 mg/kg = milligram per kilogram
 ND = Not Detected
 The detection limit of each of the individual compound is 0.1 mg/kg.
 Only PAH substances >0.1 mg/kg are taken into account while calculating the sum of PAHs
 (***) The content of this test report is extracted from the test report number VNHL1811016569HG where the sample is claimed to be identical
 (****) The content of this test report is extracted from the test report number VNHL1811016570HG where the sample is claimed to be identical

Remark: Further confirmation by specific migration test was conducted as below.

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f) ABS – Specific Migration of Acrylonitrile

Method: With reference to EN 13130-1:2004. Analysis was performed by HS-GC-MS.

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

Test Condition: 70 °C for 24 hours (1st Migration)

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	4 (***)		
Specific Migration of Acrylonitrile	ND	0.01	0.01
Comment	PASS	--	--

- Note:
1. mg/kg = milligram per kilogram of foodstuff in contact with
 2. ND = Not Detected
 3. Permissible Limit is according to Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments.
 4. (***) The content of this test report is extracted from the test report number VNHL1811016569HG where the sample is claimed to be identical

Remark: Test condition & simulant were specified by client.
These tests were performed by SGS Vietnam's Chemical lab.

g) ABS – Volatile Organic Matter (VOM)

Method: With reference to 48. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 25 (1982) 334.

Test condition: 90 °C for 24 hours

Test Item	Result (mg/dm ²)	Reporting Limit (mg/dm ²)	Permissible Limit (mg/dm ²)
	4 (***)		
Volatile Organic Matter (VOM)	ND	5	15
Comment	PASS	--	--

- Note:
1. mg/dm² = milligram per square decimeter
 2. ND = Not Detected
 3. Permissible Limit is according to BfR Recommendation VI (ABS)
 4. (***) The content of this test report is extracted from the test report number VNHL1811016569HG where the sample is claimed to be identical

Remark: Test condition & simulant were specified by client.
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German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments and BfR Recommendation

a) Silicone – Lead and Cadmium

Method: i) Lead and Cadmium content: Acid digestion. Analysis was performed by ICP-OES.

Test Item	Result (mg/kg)	Reporting Limit (mg/kg)	Permissible Limit (mg/kg)
	3 (**)		
Lead content	ND	10	Absent
Cadmium content	ND	5	Absent
Comment – Lead and Cadmium	PASS	--	--

Note: 1. Lead and Cadmium content: mg/kg = milligram per kilogram
2. ND = Not Detected
3. Permissible Limit is according to German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments.

b) Silicone – Volatile Organic Matter (VOM)

Method: With reference to 61. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 46 (2003) 362

Test condition: 100 °C for 02 hours

Test Item	Result (% w/w)	Reporting Limit (% w/w)	Permissible Limit (% w/w)
	3 (**)		
Volatile Organic Matter (VOM)	0.28	0.10	0.5
Comment	PASS	--	--

c) Silicone – Extractable Components

Method : With reference to 61. Mitteilung über die Untersuchung von Kunststoffen, Bundesgesundheitsbl 46 (2003) 362.

Test condition: 70 °C for 24 hours

Test Item	Result (% w/w)	Reporting Limit (% w/w)	Permissible Limit (% w/w)
	3 (**)		
3% Acetic Acid (W/V) Aqueous Solution	ND	0.1	0.5
Comment	PASS	--	--

Note: 1. % w/w = percentage of weight by weight
2. ND = Not Detected
3. Permissible Limit is according to BfR Recommendation XV
4. (**) The content of this test report is extracted from the test report number VNHL1811016568HG where the sample is claimed to be identical

Remark: This/These test(s) was/were performed by SGS Vietnam's chemical lab.

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d) Silicone – Polycyclic Aromatic Hydrocarbons (PAHs) Content
 Method: i) With reference to AfPS GS 2014:01 PAK. Analysis was performed by GC-MS.

Test Item	CAS number	Result
		(mg/kg)
		3 (**)
Naphthalene	91-20-3	ND
Acenaphthylene	208-96-8	ND
Acenaphthene	83-32-9	ND
Fluorene	86-73-7	ND
Phenanthrene	85-01-8	ND
Anthracene	120-12-7	ND
Fluoranthene	206-44-0	ND
Pyrene	129-00-0	ND
Benzo[a]anthracene	56-55-3	ND
Chrysene	218-01-9	ND
Benzo[b]fluoranthene and Benzo[j]fluoranthene	205-99-2 205-82-3	ND
Benzo[k]fluoranthene	207-08-9	ND
Benzo[a]pyrene	50-32-8	ND
Benzo[e]pyrene	192-97-2	ND
Indeno[1,2,3-cd]pyrene	193-39-5	ND
Dibenz[a,h]anthracene	53-70-3	ND
Benzo[g,h,i]perylene	191-24-2	ND
Total 18 PAHs	--	ND
Conclusion		PASS

AfPS (German commission for Product Safety) : GS PAHs requirements

Parameter	Category 1	Category 2		Category 3	
	Material indented to be put in the mouth or toys with intended skin contact (longer than 30 s).	Materials not falling under category 1 with foreseeable contact to skin for longer than 30 seconds (long-term skin or frequent contact).		Materials not falling under category 1 or 2 with foreseeable contact to skin for less than 30 seconds (short-term skin contact).	
		Toy under 2009/48/EC	Other products under ProdSG	Toy under 2009/48/EC	Other products under ProdSG
Naphthalene (mg/kg)	< 1	< 2		< 10	
Acenaphthylene (mg/kg)	< 1 Sum	< 5 Sum	< 10 Sum	< 20 Sum	< 50 Sum
Acenaphthene (mg/kg)					
Fluorene (mg/kg)					
Phenanthrene (mg/kg)					

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Parameter	Category 1	Category 2		Category 3	
Anthracene (mg/kg)					
Fluoranthene (mg/kg)					
Pyrene (mg/kg)					
Benzo[a]anthracene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Chrysene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[b]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[j]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[k]fluoranthene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[a]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[e]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Indeno[1,2,3-cd]pyrene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Dibenz[a,h]anthracene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Benzo[g,h,i]perylene (mg/kg)	< 0.2	< 0.2	< 0.5	< 0.5	< 1
Sum 18 PAH (mg/kg)	<1	< 5	< 10	< 20	< 50

Remark: The German committee on Product Safety (AfPS) adopted a new PAHs document on August 4, 2014, which is taken into account by the GS certification bodies for the certification process of the GS mark now. The transitional arrangements and deadlines contained therein shall determine the procedure for existing certificates and new certificates; also there are exceptions. The previously valid PAK-document (ZEK 01.4-08, English version) will be repealed after 30th of June.2015.

Note: < = less than
 mg/kg = milligram per kilogram
 ND = Not Detected
 The detection limit of each of the individual compound is 0.1 mg/kg.
 Only PAH substances >0.1 mg/kg are taken into account while calculating the sum of PAHs
 (***)The content of this test report is extracted from the test report number VNHL1811016568HG where the sample is claimed to be identical

Remark: Further confirmation by specific migration test was conducted as below.

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German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and BfR Recommendation

a) Silicone – Peroxide value

Method: With reference to European Pharmacopoeia, 2005.

Test Item	Result	Requirement
	3 (**)	
Peroxide Value	Absent	Absent
Comment	PASS	--

Note: (**)The content of this test report is extracted from the test report number VNHL1811016568HG where the sample is claimed to be identical

Remark: These tests were performed by SGS Hongkong lab.

German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments

a) Color Release

Method: With reference to Kunststoffe im Lebensmittelverkehr, Part B II IX.

Simulant Used	Result	Requirement
	4 (***)	
Deionized Water	No color release observed	No color release
Comment	PASS	--

Simulant Used	Result	Requirement
	5 (****)	
Deionized Water	No color release observed	No color release
Comment	PASS	--

Note : 1. Permissible Limit is according to BfR Recommendation IX

2.(***) The content of this test report is extracted from the test report number VNHL1811016569HG where the sample is claimed to be identical

3.(****) The content of this test report is extracted from the test report number VNHL1811016570HG where the sample is claimed to be identical

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b) Sensory Examination – Odour and Taste Test

Method: With reference to DIN10955: 2004
 Test condition: 70 °C for 24 hours
 Test media: D.I.Water
 No. of panelist: 8

Test Media	Test Item	Result	Maximum Permissible Limit
		1	
D.I.Water	Sensorial examination odour	0	2.5
	Sensorial examination taste	0	2.5
Comment		PASS	--

Note: 1. Intensity scale (rounded at 0.5):
 0 – no perceptible difference
 1 – just perceptible difference
 2 – slight difference
 3 – marked difference
 4 – strong difference

2. Permissible Limit is according to German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 & 31 with Amendments.

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PHOTO OF SUBMITTED SAMPLE(S)



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Report results refer to submitted sample(s) only
***** End of Report *****

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