



Test Report

No.T51910262210TC

Date: JUL 25, 2019

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GUANGDONG XINYU TECHNOLOGY INDUSTRIAL CO., LTD.
LAIMEI INDUSTRIAL ZONE, CHENGHAI DISTRICT,
SHANTOU, GUANGDONG

The following samples were submitted and identified by/on behalf of the client as:

1:12 FERRARI LAFERRARI, 1:18 FERRARI LA FERRARI FXXK, 1:18 FERRARI 488 GTB

Item No. : 3707, 3708, 3709

Sample Receiving Date : JUL 19, 2019

Testing Period : JUL 19, 2019 TO JUL 25, 2019

Test Requested		Conclusion
1.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content	PASS
2.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalates content	PASS
3.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Polycyclic Aromatic Hydrocarbons (PAHs) Content	PASS
4.	Product Safety Commission (AfPS), GS specification, Specification in accordance with § 21 Section 1 No. 3 ProdSG (Dated August 4, 2014) - Polycyclic Aromatic Hydrocarbon (PAHs) Content	PASS

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

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



Qu Ping, Kiky
Dept. Manager



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Results:
1. Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – Cadmium Content

Method: With reference to EN1122: 2001 method B / IEC 62321-5:2013

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

For Plastic

Test Item(s)	Cadmium (Cd)		
Permissible Limit (mg/kg)	100		
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Black plastic (Remote control, window, wheel, chassis, gear box) + Black plastic (Switch) + Transparent red plastic (LED)	4	1	ND
2. Matt-black plastic (Antenna) + White plastic (Point, connector, holder) + Matt-black plastic (Chassis)	4	2	ND
3. Red plastic (Bodywork) + Transparent plastic (Window, light)	4	3	ND
4. Transparent plastic sheet (Inside) + Red soft plastic (Rearview mirror) w/ Silvery plastic label (Sticker)	4	4	ND
5. Transparent plastic label w/ silvery printing (Sticker) + Black soft plastic (Rearview mirror)	4	5	ND
6. Black soft plastic (Tire) + Translucent hot melt glue (Inside) + Black heat-shrinkable plastic tube w/ white printing (Inside) w/ Laminated paper label w/ black printing (Sticker)	4	6	ND
7. Black plastic (Wire jacket) + Red plastic (Wire jacket) + Transparent w/ silvery adhesive plastic tape (Inside)	4	7	ND
8. White plastic (Socket, plug) + Orange plastic cover (Motor)	4	8	ND
9. Yellow plastic (Wire jacket) + Green plastic (Wire jacket)	4	9	ND
10. Blue plastic (Wire jacket) + Dull red plastic (Wire jacket)	4	10	ND
11. Bright plastic (Wire jacket) + Light red plastic (Wire jacket)	4	11	ND
12. Black plastic (Electronic unit) + White plastic (Gear)	4	12	ND
13. Black plastic (Button) + Translucent plastic (LED)	4	13	ND
14. Translucent plastic cover (Motor) + Transparent plastic part (Motor) + Translucent yellow plastic (Inner)	4	14	ND
15. Dark brown PCB w/ white, green printing	4	15	ND
16. Light brown PCB (Switch) + Black material (IC)	4	16	ND
17. Translucent cream plastic (Motor bushing) w/ White plastic sheet (Motor washer) w/ White plastic sheet (Motor rotor)	4	17	ND
18. Light brown PCB w/ green printing (Big motor) + Brown PCB w/ green, white printing	4	18	ND
19. Translucent white PCB w/ green, white printing + Cream PCB w/ green, white printing	4	19	ND
20. Dull black plastic (Wire jacket) + Bright light red plastic (Wire jacket) + Cream adhesive paper tape (Remote control)	4	20	ND



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Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
21. Translucent cream PCB w/ white, green printing + Black material (Triode)	4	21	ND
22. Bright matt-black plastic (Wire jacket) w/ Dark red plastic (Wire jacket) w/ White paper label (Sticker)	4	22	ND
23. Black rubber (Electrolytic capacitor) w/ Black plastic jacket (Antenna) + Green plastic sheet w/ white printing (Electrolytic capacitor) w/ Transparent plastic washer (Battery door)	5	1	ND

For Paint on Painted Article

Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			1000
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Red coating (Bodywork, light) + Black coating (Window, bodywork, light) w/ Red coating on soft plastic (Rearview mirror) + Silvery coating (Wheel, pattern, bodywork, remote control) w/ White coating (Pattern) w/ Yellow coating (Pattern) w/ Green coating (Pattern) w/ Matt-black coating (Pattern) w/ Pearl dark grey coating (Light) w/ Black coating on paper label (Sticker)	6	1	ND

- Note:
- Permissible and Reference Limit specified by Commission Regulation (EU) No 494/2011 & Commission Regulation (EU) No 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under entry 23 of Regulation (EC) No 552/2009 and directive 91/338/EC).
 - mg/kg = milligram per kilogram
 - ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit = 5 mg/kg
 - 1% = 10000 mg/kg = 10000 ppm
 - The result(s) is (are) calculated using the minimum specimen weight for composite test.



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2. European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendment (EU) 2018/2005 – Phthalate content

Method: With reference to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Materials can be placed in the mouth for toys & childcare articles

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	3	3	3		
Tracing No.	--	1	2	3		
Specimen No.	--	1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	ND	ND	--	0.1

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	3	3	3		
Tracing No.	--	4	5	6		
Specimen No.	--	4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND	--	0.1
Total (DINP+DNOP+DIDP)		ND	ND	ND	--	0.1



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Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	3	3	3		
Tracing No.	--	7	8	9		
Specimen No.	--	7	8	9		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	0.006	ND	0.003	0.003	0.1
Diisononyl Phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	0.010	--
Di-n-octyl Phthalate (DNOP)	117-84-0	ND	ND	ND	0.003	--
Diisodecyl Phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	0.010	--
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		0.006	ND	0.003	--	0.1
Total (DINP+DNOP+DIDP)		ND	ND	ND	--	0.1

Specimen Description:

1. Black plastic (Remote control, window, wheel, chassis, gear box) + Black plastic (Switch) + Transparent red plastic (LED)
2. Matt-black plastic (Antenna) + White plastic (Point, connector, holder) + Matt-black plastic (Chassis)
3. Red plastic (Bodywork) + Transparent plastic (Window, light)
4. Transparent plastic sheet (Inside) + Red soft plastic (Rearview mirror) w/ Silvery plastic label (Sticker) w/ Laminated paper label w/ black printing (Sticker)
5. Transparent plastic label w/ silvery printing (Sticker) + Black soft plastic (Rearview mirror)
6. Black soft plastic (Tire) + Translucent hot melt glue (Inside)
7. Black heat-shrinkable plastic tube w/ white printing (Inside) + Transparent w/ silvery adhesive plastic tape (Inside)
8. Black plastic (Wire jacket) + Red plastic (Wire jacket)
9. Red coating (Bodywork, light) + Black coating (Window, bodywork, light) w/ Red coating on soft plastic (Rearview mirror) + Silvery coating (Wheel, pattern, bodywork, remote control) w/ White coating (Pattern) w/ Yellow coating (Pattern) w/ Green coating (Pattern) w/ Matt-black coating (Pattern)



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Materials can not be placed in the mouth for toys & childcare articles or plasticized material in the other article.

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	3	3	3		
Tracing No.	--	10	11	12		
Specimen No.	--	1	2	3		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND	--	0.1

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	3	3	3		
Tracing No.	--	13	14	15		
Specimen No.	--	4	5	6		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	ND	--	0.1

Test Item(s)	CAS No.	Result (s) (%)			MDL (%)	Permissible Limit (%)
Alias No.	--	3	3	3		
Tracing No.	--	16	17	18		
Specimen No.	--	7	8	9		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.008	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	0.008	--	0.1



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Test Item(s)	CAS No.	Result (s) (%)		MDL (%)	Permissible Limit (%)
Alias No.	--	3	3		
Tracing No.	--	19	20		
Specimen No.	--	10	11		
Dibutyl Phthalate (DBP)	84-74-2	ND	ND	0.003	0.1
Benzylbutyl Phthalate (BBP)	85-68-7	ND	ND	0.003	0.1
Di-(2-ethyl hexyl) phthalate (DEHP) / Dioctyl Phthalate (DOP)	117-81-7	ND	ND	0.003	0.1
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	0.003	0.1
Total (DBP+BBP+DEHP+DIBP)		ND	ND	--	0.1

Specimen Description:

1. Black rubber (Electrolytic capacitor) w/ Black plastic jacket (Antenna) + Green plastic sheet w/ white printing (Electrolytic capacitor) w/ Transparent plastic washer (Battery door) w/ Pearl dark grey coating (Light) w/ Black coating on paper label (Sticker)
2. White plastic (Socket, plug) + Orange plastic cover (Motor)
3. Yellow plastic (Wire jacket) + Green plastic (Wire jacket)
4. Blue plastic (Wire jacket) + Dull red plastic (Wire jacket)
5. Bright plastic (Wire jacket) + Light red plastic (Wire jacket)
6. Black plastic (Electronic unit) + White plastic (Gear)
7. Black plastic (Button) + Translucent plastic (LED)
8. Translucent plastic cover (Motor) + Transparent plastic part (Motor) + Translucent yellow plastic (Inner)
9. Dull black plastic (Wire jacket) + Bright light red plastic (Wire jacket) + Cream adhesive paper tape (Remote control)
10. Bright matt-black plastic (Wire jacket) w/ Dark red plastic (Wire jacket) w/ White paper sheet (Sticker)
11. White lube (Inner)

Note:

- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- % = percentage by weight
- Results shown as ND are ignored in the sum calculation
- The result(s) is (are) calculated using the total specimen weight for composite test



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3. Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments – PAHs Content

Method: With reference to AfPS GS 2014:01 PAK method.

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

For Toy or childcare product

Test Item(s)	CAS No.	Result(s) (mg/kg)			MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	1	2	3		
Alias No.	--	2	2	2		
Tracing No.	--	1	2	3		
1. Benz[a]anthracene	56-55-3	ND	ND	ND	0.1	0.5
2. Chrysene	218-01-9	ND	ND	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	ND	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	ND	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	ND	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	ND	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	ND	ND	0.1	0.5
8. Dibenz[a,h]anthracene	53-70-3	ND	ND	ND	0.1	0.5

Test Item(s)	CAS No.	Result(s) (mg/kg)			MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	4	5	6		
Alias No.	--	2	2	2		
Tracing No.	--	4	5	6		
1. Benz[a]anthracene	56-55-3	ND	ND	ND	0.1	0.5
2. Chrysene	218-01-9	ND	ND	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	ND	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	ND	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	ND	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	ND	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	ND	ND	0.1	0.5
8. Dibenz[a,h]anthracene	53-70-3	ND	ND	ND	0.1	0.5

Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	7	8		
Alias No.	--	2	2		
Tracing No.	--	7	8		
1. Benz[a]anthracene	56-55-3	ND	ND	0.1	0.5
2. Chrysene	218-01-9	ND	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.5
8. Dibenz[a,h]anthracene	53-70-3	ND	ND	0.1	0.5



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Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	9	10		
Alias No.	--	2	2		
Tracing No.	--	9	10		
1. Benz[a]anthracene	56-55-3	ND	ND	0.1	0.5
2. Chrysene	218-01-9	ND	ND	0.1	0.5
3. Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.5
4. Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.5
5. Benzo[j]fluoranthene	205-82-3	ND	ND	0.1	0.5
6. Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.5
7. Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.5
8. Dibenz[a,h]anthracene	53-70-3	ND	ND	0.1	0.5

Specimen Description:

1. Black plastic (Remote control, window, wheel, chassis)
2. Black plastic (Switch) w/ Transparent red plastic (LED)
3. Matt-black plastic (Antenna) + White plastic (Point, connector, holder) + Matt-black plastic (Chassis)
4. Red coating (Bodywork, light) w/ Black coating (Window, bodywork, light) w/ Red coating on soft plastic (Rearview mirror) w/ Silvery coating (Wheel, pattern, bodywork, remote control) w/ White coating (Pattern) w/ Yellow coating (Pattern) w/ Green coating (Pattern) w/ Matt-black coating (Pattern)
5. Red plastic (Bodywork) + Transparent plastic (Window, light)
6. Red soft plastic (Rearview mirror) w/ Silvery plastic label (Sticker) w/ Transparent plastic label w/ silvery printing (Sticker)
7. Black soft plastic (Tire) + Translucent hot melt glue (Inside) + Black heat-shrinkable plastic tube w/ white printing (Inside) w/ Laminated paper label w/ black printing (Sticker)
8. Black plastic (Wire jacket) + Red plastic (Wire jacket) + Transparent w/ silvery adhesive plastic tape (Inside)
9. Black soft plastic (Rearview mirror)
10. Transparent plastic sheet (Inside)

- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - * The limit is specified by Commission Regulation (EU) No 1272/2013 amending Annex XVII to Regulation (EC) No 1907/2006 effective after 27 December 2015.
 - The result(s) is (are) calculated using the total specimen weight for composite test



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4. Product Safety Commission (AfPS), GS specification, Specification in accordance with § 21 Section 1 No. 3 ProdSG (Dated August 4, 2014) - Polycyclic Aromatic Hydrocarbon (PAHs) Content

Method: With reference to AfPS GS 2014:01 PAK method.

Analysis was performed by Gas Chromatography Mass Spectrometer (GC-MS)

Category 1: Materials intended to be placed in the mouth or toys with intended prolonged skin contact (>30 seconds)

Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	1	0.1	1
Alias No.	--	1		
Tracing No.	--	1		
1. Naphthalene	91-20-3	ND	0.1	--
2. Acenaphthylene	208-96-8	ND	0.1	--
3. Acenaphthene	83-32-9	ND	0.1	--
4. Fluorene	86-73-7	ND	0.1	--
5. Phenanthrene	85-01-8	ND	0.1	--
6. Anthracene	120-12-7	ND	0.1	--
7. Fluoranthene	206-44-0	ND	0.1	--
8. Pyrene	129-00-0	0.3	0.1	--
9. Benz[a]anthracene	56-55-3	ND	0.1	0.2
10. Chrysene	218-01-9	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.2
13. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	0.1	0.2
17. Dibenz[a,h]anthracene	53-70-3	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	0.1	0.2
Sum of 7 PAHs [^]	--	0.3	--	1
Sum of 18 PAHs	--	0.3	--	1

Specimen Description:

1. Black plastic (Remote control, window, wheel, chassis)



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- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - * The limit is specified by Committee on Product Safety (Ausschuss für Produktsicherheit, AfPs) Examination and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the recognition of the GS Mark effective after 30 June 2015.
 - ^ 7 PAHs including Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene & Pyrene
 - Results shown as ND are ignored in the sum calculation

Category 2: Materials not falling under Category 1, with foreseeable skin contact longer than 30 seconds (long term) or frequent short-term skin contact - For toys

Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	1	2		
Alias No.	--	1	1		
Tracing No.	--	2	4		
1. Naphthalene	91-20-3	ND	0.3	0.1	2
2. Acenaphthylene	208-96-8	ND	ND	0.1	--
3. Acenaphthene	83-32-9	ND	ND	0.1	--
4. Fluorene	86-73-7	ND	ND	0.1	--
5. Phenanthrene	85-01-8	ND	ND	0.1	--
6. Anthracene	120-12-7	ND	ND	0.1	--
7. Fluoranthene	206-44-0	ND	ND	0.1	--
8. Pyrene	129-00-0	ND	ND	0.1	--
9. Benz[a]anthracene	56-55-3	ND	ND	0.1	0.2
10. Chrysene	218-01-9	ND	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.2
13. Benzo[i]fluoranthene	205-82-3	ND	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND	0.1	0.2
17. Dibenz[a,h]anthracene	53-70-3	ND	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	ND	0.1	0.2
Sum of 7 PAHs^	--	ND	ND	--	5
Sum of 18 PAHs	--	ND	0.3	--	5



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Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	3	4		
Alias No.	--	1	1		
Tracing No.	--	5	6		
1. Naphthalene	91-20-3	ND	ND	0.1	2
2. Acenaphthylene	208-96-8	ND	ND	0.1	--
3. Acenaphthene	83-32-9	ND	ND	0.1	--
4. Fluorene	86-73-7	ND	ND	0.1	--
5. Phenanthrene	85-01-8	ND	ND	0.1	--
6. Anthracene	120-12-7	ND	ND	0.1	--
7. Fluoranthene	206-44-0	ND	ND	0.1	--
8. Pyrene	129-00-0	ND	ND	0.1	--
9. Benz[a]anthracene	56-55-3	ND	ND	0.1	0.2
10. Chrysene	218-01-9	ND	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.2
13. Benzo[j]fluoranthene	205-82-3	ND	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND	0.1	0.2
17. Dibenzo[a,h]anthracene	53-70-3	ND	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	ND	0.1	0.2
Sum of 7 PAHs [^]	--	ND	ND	--	5
Sum of 18 PAHs	--	ND	ND	--	5



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Test Item(s)	CAS No.	Result(s) (mg/kg)	MDL (mg/kg)	Limit* (mg/kg)
Specimen No.	--	5		
Alias No.	--	1		
Tracing No.	--	9		
1. Naphthalene	91-20-3	ND	0.1	2
2. Acenaphthylene	208-96-8	ND	0.1	--
3. Acenaphthene	83-32-9	ND	0.1	--
4. Fluorene	86-73-7	ND	0.1	--
5. Phenanthrene	85-01-8	ND	0.1	--
6. Anthracene	120-12-7	ND	0.1	--
7. Fluoranthene	206-44-0	ND	0.1	--
8. Pyrene	129-00-0	ND	0.1	--
9. Benz[a]anthracene	56-55-3	ND	0.1	0.2
10. Chrysene	218-01-9	ND	0.1	0.2
11. Benzo[b]fluoranthene	205-99-2	ND	0.1	0.2
12. Benzo[k]fluoranthene	207-08-9	ND	0.1	0.2
13. Benzo[j]fluoranthene	205-82-3	ND	0.1	0.2
14. Benzo[a]pyrene	50-32-8	ND	0.1	0.2
15. Benzo[e]pyrene	192-97-2	ND	0.1	0.2
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	0.1	0.2
17. Dibenz[a,h]anthracene	53-70-3	ND	0.1	0.2
18. Benzo[g,h,i]perylene	191-24-2	ND	0.1	0.2
Sum of 7 PAHs [^]	--	ND	--	5
Sum of 18 PAHs	--	ND	--	5

Specimen Description:

- Black plastic (Switch) w/ Transparent red plastic (LED)
- Red coating (Bodywork, light) w/ Black coating (Window, bodywork, light) w/ Red coating on soft plastic (Rearview mirror) w/ Silvery coating (Wheel, pattern, bodywork, remote control) w/ White coating (Pattern) w/ Yellow coating (Pattern) w/ Green coating (Pattern) w/ Matt-black coating (Pattern)
- Red plastic (Bodywork) + Transparent plastic (Window, light)
- Red soft plastic (Rearview mirror) w/ Silvery plastic label (Sticker) w/ Transparent plastic label w/ silvery printing (Sticker)
- Black soft plastic (Rearview mirror)



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 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - * The limit is specified by Committee on Product Safety (Ausschuss für Produktsicherheit, AfPs) Examination and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the recognition of the GS Mark effective after 30 June 2015.
 - ^ 7 PAHs including Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene & Pyrene
 - Results shown as ND are ignored in the sum calculation
 - The result(s) is (are) calculated using the total specimen weight for composite test

Category 3: Materials not falling under Category 1 or 2, with foreseeable skin contact less than 30 seconds (short-term skin contact) – For toys

Test Item(s)		CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit* (mg/kg)
Specimen No.		--	1	2		
Alias No.		--	1	1		
Tracing No.		--	3	7		
1.	Naphthalene	91-20-3	ND	ND	0.1	10
2.	Acenaphthylene	208-96-8	ND	ND	0.1	--
3.	Acenaphthene	83-32-9	ND	ND	0.1	--
4.	Fluorene	86-73-7	ND	ND	0.1	--
5.	Phenanthrene	85-01-8	ND	0.2	0.1	--
6.	Anthracene	120-12-7	ND	1.3	0.1	--
7.	Fluoranthene	206-44-0	ND	ND	0.1	--
8.	Pyrene	129-00-0	0.7	0.2	0.1	--
9.	Benz[a]anthracene	56-55-3	ND	ND	0.1	0.5
10.	Chrysene	218-01-9	ND	ND	0.1	0.5
11.	Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.5
12.	Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.5
13.	Benzo[j]fluoranthene	205-82-3	ND	ND	0.1	0.5
14.	Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.5
15.	Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.5
16.	Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND	0.1	0.5
17.	Dibenz[a,h]anthracene	53-70-3	ND	ND	0.1	0.5
18.	Benzo[g,h,i]perylene	191-24-2	ND	ND	0.1	0.5
Sum of 7 PAHs^		--	0.7	1.7	--	20
Sum of 18 PAHs		--	0.7	1.7	--	20

Test Item(s)	CAS No.	Result(s) (mg/kg)		MDL (mg/kg)	Limit ⁺ (mg/kg)
Specimen No.	--	3	4		
Alias No.	--	1	1		
Tracing No.	--	8	10		
1. Naphthalene	91-20-3	ND	ND	0.1	10
2. Acenaphthylene	208-96-8	ND	ND	0.1	--
3. Acenaphthene	83-32-9	ND	ND	0.1	--
4. Fluorene	86-73-7	ND	ND	0.1	--
5. Phenanthrene	85-01-8	0.2	ND	0.1	--
6. Anthracene	120-12-7	1.2	ND	0.1	--
7. Fluoranthene	206-44-0	ND	ND	0.1	--
8. Pyrene	129-00-0	ND	ND	0.1	--
9. Benz[a]anthracene	56-55-3	ND	ND	0.1	0.5
10. Chrysene	218-01-9	ND	ND	0.1	0.5
11. Benzo[b]fluoranthene	205-99-2	ND	ND	0.1	0.5
12. Benzo[k]fluoranthene	207-08-9	ND	ND	0.1	0.5
13. Benzo[j]fluoranthene	205-82-3	ND	ND	0.1	0.5
14. Benzo[a]pyrene	50-32-8	ND	ND	0.1	0.5
15. Benzo[e]pyrene	192-97-2	ND	ND	0.1	0.5
16. Indeno[1,2,3-cd]pyrene	193-39-5	ND	ND	0.1	0.5
17. Dibenz[a,h]anthracene	53-70-3	ND	ND	0.1	0.5
18. Benzo[g,h,i]perylene	191-24-2	ND	ND	0.1	0.5
Sum of 7 PAHs [^]	--	1.4	ND	--	20
Sum of 18 PAHs	--	1.4	ND	--	20

Specimen Description:

1. Matt-black plastic (Antenna) + White plastic (Point, connector, holder) + Matt-black plastic (Chassis)
2. Black soft plastic (Tire) + Translucent hot melt glue (Inside) + Black heat-shrinkable plastic tube w/ white printing (Inside) w/ Laminated paper label w/ black printing (Sticker)
3. Black plastic (Wire jacket) + Red plastic (Wire jacket) + Transparent w/ silvery adhesive plastic tape (Inside)
4. Transparent plastic sheet (Inside)



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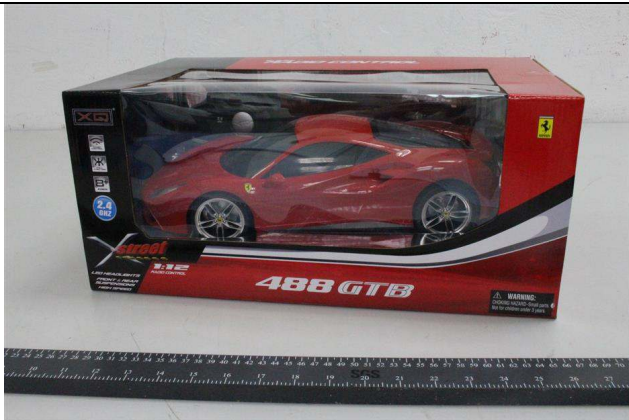
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- Note:
- ND = Not Detected (lower than MDL)
 - MDL = Method Detection Limit
 - mg/kg = milligram per kilogram
 - * The limit is specified by Committee on Product Safety (Ausschuss für Produktsicherheit, AfPs) Examination and assessment of Polycyclic Aromatic Hydrocarbons (PAHs) in the recognition of the GS Mark effective after 30 June 2015.
 - ^ 7 PAHs including Acenaphthylene, Acenaphthene, Fluorene, Phenanthrene, Anthracene, Fluoranthene & Pyrene
 - Results shown as ND are ignored in the sum calculation
 - The result(s) is (are) calculated using the total specimen weight for composite test

Sample Picture (As received)

Pic.1



Pic.2



Pic.3



SGS authenticate the photo on original report only

*** End of Report ***



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