



Pony Testing International Group

## Test Report

No.: 10050524-012 Date: 2010.05.20 Page 1 of 10

Applicant: NINGBO SUNNY ELECTRONIC CO.,LTD

The following sample(s) was/were submitted and identified on behalf of the client as:

Sample Name: ASTRONOMICAL TELESCOPE

Style/Item No: #21062 ASTROMASTER 70EQ

Sample Received Date: May.05,2010

Testing Period: May.05,2010 to May.20,2010

Test requested: Heavy Metal test requirements of ASTM F963-08 Standard Consumer Safety Specification for Toy Safety

Test result: Please refer to next page(s)

Approved by:

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# Test Report

No.: 10050524-012

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-3	focusing base(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	lens panel(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-7	M4*8 tapping screws(Thorium four fluorine)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	M4*8 tapping screws(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-2	dust plug(PE)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	spline pilot(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	spline pilot(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-3	body tube(silk-screen)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	body tube(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	body tube(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	sunshade(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	sunshade cover(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	female connector(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-7	gear platen(Thorium four fluorine)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	gear platen(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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# Test Report

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-9	Gear shaft sleeve(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	Gear shaft sleeve(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-9	M4*6 half-roundheadscrew(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	M4*6 half-roundheadscrew(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	M3 screw(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-1	M3 screw(Hpb59-1)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	ornament(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	pilot wheel(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	pilot wheel(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-015-1	Hand wheel cover(rubber and plastic)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	tray(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-015-2	finderscope(PMMA)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	finderscope(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	finderscope(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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# Test Report

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-9	trilateral bottle opener(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	trilateral bottle opener(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	flexible shaft(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	lock screw(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
10050524-012-1	counter weight component(cast iron)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-014-1	counter weight component(spray plastics)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-2	317 dust cover(PE)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	black As prism cover(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	black As prism cover(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	eyepiecestalk(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	worm gear(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	worm gear base cover(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	2.5*4 Cross recessed pan head screw(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	2.5*4 Cross recessed pan head screw(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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# Test Report

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-14	M5*12 Hexangdlar Bolt(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	M5*12 Hexangdlar Bolt(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	spring seat(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	spring seat(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	regulate screwssocket(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	regulate screwssocket(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	adjusting screw(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	adjusting screw(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	scale plate(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	pointer(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	pointer(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	calibrated dial(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	bracket screw(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	bracket screw(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-14	bracket wrench(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	bracket wrench	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	worm calibrated dial(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	worm pointer(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	worm pointer(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	below pointer(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	below pointer(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	screw wrench(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	screw wrench(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	support trunnion screw(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	support trunnion screw(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	braking screw(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	braking screw(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	lock screw(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	lock screw A(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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**Pony Testing International Group**



Pony Testing International Group

# Test Report

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-13	set screw(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	set screw(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	Swivel Base(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	Swivel Base(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	right-angle base(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	right-angle base(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	worm gear base(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	worm gear base(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	worm fixing(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	worm fixing(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	triangular chassis(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	triangular chassis(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	whiptube(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	whiptube(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	bracket(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-013-1	bracket(Spray painting)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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# Test Report

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-13	worm(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	worm(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	increase washer(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	increase washer(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	knurled screw(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	balance weight lever(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	balance weight lever(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	take over sleeve(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	connecting sleeve(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	support(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	brown metal dish(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	connecting rod(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	outer tube ferrule(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	connector(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	∅ 3.2*7 rivet(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-6	∅ 3.2*9 rivet(aluminum)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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Pony Testing International Group

# Test Report

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Test result(Unit: mg/kg)

## Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-13	antiskid nut(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-9	antiskid nut(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	M6*45 bolt(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-9	M6*45 bolt(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	M6 nut(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-9	M6 nut(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	M4*14 bolt(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-9	M4*14 bolt(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-13	M4*25 bolt(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-9	M4*25 bolt(nickel plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	foot stool pilot wheel(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	lock pilot wheel(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-2	eyepiecestalk gaine-D(PE)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	MA10 eye lens base(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-2	eyepiecestalk gaine-F(PE)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-10	eye lens eyeshade(rubber)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

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**Pony Testing International Group**

## Test Report

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Test result(Unit: mg/kg)

### Soluble Migrated Elements

ASTM F 963-08 clause 4.3.5-paint & similar surface-coating material

Analytical result of soluble migrated elements in toy material

No.	Part Name	Soluble Migrated Elements Test Data Unit: ( mg/kg )							
		Soluble Lead	Soluble cadmium	Soluble antimony	Soluble barium	Soluble chromium	Soluble mercury	Soluble arsenic	Soluble selenium
Reference 10050524-011-13	eyepiecestalk component(A3)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-14	eyepiecestalk component(chrome plated)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)
Reference 10050524-011-3	MA20 eyepiece mount(ABS)	N.D. (<1)	N.D. (<0.1)	N.D. (<1)	N.D. (<0.1)	N.D. (<0.1)	N.D. (<1)	N.D. (<1)	N.D. (<1)

Detection limit: Lead, Antimony, Mercury, Arsenic, Selenium: 1mg/kg

Cadmium, Barium, Chromium: 0.1 mg/kg

Note: (1) mg/kg=ppm

(2) N.D.=Not detected

Photo:



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