

# CERTIFICATE OF ANALYSIS

Client: DNP Fine Chemicals Co., Ltd.  
450 Aoto-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan

Sample name: US11-YE

Received date: August 10, 2017

This is to certify that the following result(s) have been obtained from our analysis on the above-mentioned sample(s) submitted by the client.

## Test Result(s)

Test Item	Result	QL	N	M
European Standard <Safety of Toys>	.....	.....	1	
Aluminum	Not detected	100 mg/kg		1
Antimony	Not detected	10 mg/kg		1
Arsenic	Not detected	0.5 mg/kg		1
Barium	Not detected	100 mg/kg		1
Boron	Not detected	100 mg/kg		1
Cadmium	Not detected	0.1 mg/kg		1
Cobalt	Not detected	1 mg/kg		1
Copper	Not detected	100 mg/kg		1
Lead	Not detected	1 mg/kg		1
Manganese	Not detected	100 mg/kg		1
Mercury	Not detected	0.5 mg/kg		1
Nickel	Not detected	10 mg/kg		1
Selenium	Not detected	5 mg/kg		1
Strontium	Not detected	100 mg/kg		1
Tin	Not detected	100 mg/kg		1
Orgnic tin (as tributyltin)	Not detected	0.2 mg/kg	2	1
Zinc	Not detected	100 mg/kg		1
Chromium	0.013 mg/kg	.....	3	1

QL: Quantitation limit N: Notes M: Method

### Notes

1:EN71-3:2013.

2:The tin content was measures and then converted as tributyltin content.

3:The solution prepared according to EN71-3:2013 was used for the test.

### Method

1:Inductively coupled plasma mass spectrometry



Signed for and on behalf of JFRL

*M. Horiuchi*

Michiyo Horiuchi

Section of Analysis Documentation

*Oct. 05, 2017*

Date

**CERTIFICATE OF ANALYSIS**

Client: DNP Fine Chemicals Co., Ltd.  
450 Aoto-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan

Sample name: US11-MA

Received date: August 10, 2017

This is to certify that the following result(s) have been obtained from our analysis on the above-mentioned sample(s) submitted by the client.

**Test Result(s)**

Test Item	Result	QL	N	M
European Standard <Safety of Toys>	.....	.....	1	
Aluminum	Not detected	100 mg/kg		1
Antimony	Not detected	10 mg/kg		1
Arsenic	Not detected	0.5 mg/kg		1
Barium	Not detected	100 mg/kg		1
Boron	Not detected	100 mg/kg		1
Cadmium	Not detected	0.1 mg/kg		1
Chromium (III)	Not detected	5 mg/kg	2	1
Chromium (VI)	Not detected	0.005 mg/kg	2	1
Cobalt	Not detected	1 mg/kg		1
Copper	Not detected	100 mg/kg		1
Lead	Not detected	1 mg/kg		1
Manganese	Not detected	100 mg/kg		1
Mercury	Not detected	0.5 mg/kg		1
Nickel	Not detected	10 mg/kg		1
Selenium	Not detected	5 mg/kg		1
Strontium	Not detected	100 mg/kg		1
Tin	Not detected	100 mg/kg		1
Orgnic tin (as tributyltin)	Not detected	0.2 mg/kg	3	1
Zinc	Not detected	100 mg/kg		1

QL: Quantitation limit N: Notes M: Method

**Notes**

1: EN71-3:2013.

2: Total chromium was measured.

3: The tin content was measured and then converted as tributyltin content.

**Method**

1: Inductively coupled plasma mass spectrometry



Signed for and on behalf of JFRL

*M. Horiuchi*

Michiyo Horiuchi  
Section of Analysis Documentation

Date

*Oct. 05, 2017*

# CERTIFICATE OF ANALYSIS

Client: DNP Fine Chemicals Co., Ltd.  
450 Aoto-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan

Sample name: US11-CY

Received date: July 20, 2017

This is to certify that the following result(s) have been obtained from our analysis on the above-mentioned sample(s) submitted by the client.

## Test Result(s)

Test Item	Result	QL	N	M
European Standard <Safety of Toys>	.....	.....	1	
Aluminum	Not detected	100 mg/kg		1
Antimony	Not detected	10 mg/kg		1
Arsenic	Not detected	0.5 mg/kg		1
Barium	Not detected	100 mg/kg		1
Boron	Not detected	100 mg/kg		1
Cadmium	Not detected	0.1 mg/kg		1
Chromium (III)	Not detected	5 mg/kg	2	1
Chromium (VI)	Not detected	0.005 mg/kg	2	1
Cobalt	Not detected	1 mg/kg		1
Copper	Not detected	100 mg/kg		1
Lead	Not detected	1 mg/kg		1
Manganese	Not detected	100 mg/kg		1
Mercury	Not detected	0.5 mg/kg		1
Nickel	Not detected	10 mg/kg		1
Selenium	Not detected	5 mg/kg		1
Strontium	Not detected	100 mg/kg		1
Tin	Not detected	100 mg/kg		1
Orgnic tin (as tributyltin)	Not detected	0.2 mg/kg	3	1
Zinc	Not detected	100 mg/kg		1

QL: Quantitation limit N: Notes M: Method

### Notes

1: EN71-3:2013.

2: Total chromium was measured.

3: The tin content was measured and then converted as tributyltin content.

### Method

1: Inductively coupled plasma mass spectrometry



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*Oct. 05, 2017*

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# CERTIFICATE OF ANALYSIS

Client: DNP Fine Chemicals Co., Ltd.  
450 Aoto-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan

Sample name: US11-BK

Received date: August 10, 2017

This is to certify that the following result(s) have been obtained from our analysis on the above-mentioned sample(s) submitted by the client.

## Test Result(s)

Test Item	Result	QL	N	M
European Standard <Safety of Toys>	.....	.....	1	
Aluminum	Not detected	100 mg/kg		1
Antimony	Not detected	10 mg/kg		1
Arsenic	Not detected	0.5 mg/kg		1
Barium	Not detected	100 mg/kg		1
Boron	Not detected	100 mg/kg		1
Cadmium	Not detected	0.1 mg/kg		1
Chromium (III)	Not detected	5 mg/kg	2	1
Chromium (VI)	Not detected	0.005 mg/kg	2	1
Cobalt	Not detected	1 mg/kg		1
Copper	Not detected	100 mg/kg		1
Lead	Not detected	1 mg/kg		1
Manganese	Not detected	100 mg/kg		1
Mercury	Not detected	0.5 mg/kg		1
Nickel	Not detected	10 mg/kg		1
Selenium	Not detected	5 mg/kg		1
Strontium	Not detected	100 mg/kg		1
Tin	Not detected	100 mg/kg		1
Orgnic tin (as tributyltin)	Not detected	0.2 mg/kg	3	1
Zinc	Not detected	100 mg/kg		1

QL: Quantitation limit N: Notes M: Method

### Notes

1: EN71-3:2013.

2: Total chromium was measured.

3: The tin content was measured and then converted as tributyltin content.

### Method

1: Inductively coupled plasma mass spectrometry



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# CERTIFICATE OF ANALYSIS

Client: DNP Fine Chemicals Co., Ltd.  
450 Aoto-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan

Sample name: US11-WH

Received date: August 10, 2017

This is to certify that the following result(s) have been obtained from our analysis on the above-mentioned sample(s) submitted by the client.

## Test Result(s)

Test Item	Result	QL	N	M
European Standard <Safety of Toys>	.....	.....	1	
Aluminum	213 mg/kg	.....		1
Antimony	Not detected	10 mg/kg		1
Arsenic	Not detected	0.5 mg/kg		1
Barium	Not detected	100 mg/kg		1
Boron	Not detected	100 mg/kg		1
Cadmium	Not detected	0.1 mg/kg		1
Chromium (III)	Not detected	5 mg/kg	2	1
Chromium (VI)	Not detected	0.005 mg/kg	2	1
Cobalt	Not detected	1 mg/kg		1
Copper	Not detected	100 mg/kg		1
Lead	Not detected	1 mg/kg		1
Manganese	Not detected	100 mg/kg		1
Mercury	Not detected	0.5 mg/kg		1
Nickel	Not detected	10 mg/kg		1
Selenium	Not detected	5 mg/kg		1
Strontium	Not detected	100 mg/kg		1
Tin	Not detected	100 mg/kg		1
Orgnic tin (as tributyltin)	Not detected	0.2 mg/kg	3	1
Zinc	Not detected	100 mg/kg		1

QL: Quantitation limit N: Notes M: Method

### Notes

1:EN71-3:2013.

2:Total chromium was measured.

3:The tin content was measures and then converted as tributyltin content.

### Method

1:Inductively coupled plasma mass spectrometry



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# CERTIFICATE OF ANALYSIS

Client: DNP Fine Chemicals Co., Ltd.  
450 Aoto-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0022, Japan

Sample name: US11-VA

Received date: August 10, 2017

This is to certify that the following result(s) have been obtained from our analysis on the above-mentioned sample(s) submitted by the client.

## Test Result(s)

Test Item	Result	QL	N	M
European Standard <Safety of Toys>	.....	.....	1	
Aluminum	Not detected	100 mg/kg		1
Antimony	Not detected	10 mg/kg		1
Arsenic	Not detected	0.5 mg/kg		1
Barium	Not detected	100 mg/kg		1
Boron	Not detected	100 mg/kg		1
Cadmium	Not detected	0.1 mg/kg		1
Chromium (III)	Not detected	5 mg/kg	2	1
Chromium (VI)	Not detected	0.005 mg/kg	2	1
Cobalt	Not detected	1 mg/kg		1
Copper	Not detected	100 mg/kg		1
Lead	Not detected	1 mg/kg		1
Manganese	Not detected	100 mg/kg		1
Mercury	Not detected	0.5 mg/kg		1
Nickel	Not detected	10 mg/kg		1
Selenium	Not detected	5 mg/kg		1
Strontium	Not detected	100 mg/kg		1
Tin	Not detected	100 mg/kg		1
Orgnic tin (as tributyltin)	Not detected	0.2 mg/kg	3	1
Zinc	Not detected	100 mg/kg		1

QL: Quantitation limit N: Notes M: Method

### Notes

1:EN71-3:2013.

2:Total chromium was measured.

3:The tin content was measures and then converted as tributyltin content.

### Method

1:Inductively coupled plasma mass spectrometry



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Date