

Test Report

Report No.: ECL01G002084

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Applicant : Jinan Mingquan Writing Instrument Co.,Ltd
Address : East of Mingshui,Zhangqiu City,Shandong Province,China.

Report on the submitted sample(s) said to be:

Sample Name : color lead
Quantity of Sample : 5 sets
Exported to : Europe
Sample Received Date : Jul 3, 2014
Sample Tested Date : Jul 3, 2014 to Jul 8, 2014

Test Conducted:

As requested by the applicant, for details refer to next page(s)

Tested by

Verna chen.

Reviewed by

Hester Huang

Approved by

Victor Wang

Victor Wang
Lab Manager



Date

Jul 8, 2014

No. T145077983

Centre Testing International Co., Ltd.Shanghai Branch

No.1996,New Jinqiao Road, Pudong District,Shanghai,China

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Executive Summary:

TEST REQUEST

EN 71-9:2005+A1:2007 - Organic chemical compounds - Requirements

- Colourants
- Primary aromatic amines

CONCLUSION

PASS

PASS

***** For Further Details, Please Refer To the Following Page(s) *****

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EN 71-9:2005+A1:2007

▼ Colourants

As specified in European standard on safety of toys EN 71-9:2005+A1:2007-Organic chemical compounds -Requirements, Organic chemical compounds were determined with reference to EN 71-10:2005 - Sample preparation and extraction and EN 71-11:2005 - Methods of analysis.

Tested Item	Result (mg/kg)				MDL (mg/kg)	Action Limit (mg/kg)	CAS NO.
	(1)	(2)	(3)	(4)			
Disperse blue 1	ND	ND	ND	ND	10	10	2475-45-8
Disperse blue 3	ND	ND	ND	ND	10	10	2475-46-9
Disperse blue 106	ND	ND	ND	ND	10	10	12223-01-7
Disperse blue 124	ND	ND	ND	ND	10	10	61951-51-7
Disperse yellow 3	ND	ND	ND	ND	10	10	2832-40-8
Disperse orange 3	ND	ND	ND	ND	10	10	730-40-5
Disperse orange 37/76	ND	ND	ND	ND	10	10	12223-33-5
							13301-61-6
Disperse red 1	ND	ND	ND	ND	10	10	2872-52-8
Solvent yellow 1	ND	ND	ND	ND	10	10	60-09-3
Solvent yellow 2	ND	ND	ND	ND	10	10	60-11-7
Solvent yellow 3	ND	ND	ND	ND	10	10	97-56-3
Basic red 9	ND	ND	ND	ND	10	10	569-61-9
Basic violet 1	ND	ND	ND	ND	10	10	8004-87-3
Basic violet 3	ND	ND	ND	ND	10	10	548-62-9
Acid red 26	ND	ND	ND	ND	10	10	3761-53-3
Acid violet 49	ND	ND	ND	ND	10	10	1694-09-3

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Tested Item	Result (mg/kg)				MDL	Action Limit	CAS NO.
	(5)	(6)	(7)	(8)	(mg/kg)	(mg/kg)	
Disperse blue 1	ND	ND	ND	ND	10	10	2475-45-8
Disperse blue 3	ND	ND	ND	ND	10	10	2475-46-9
Disperse blue 106	ND	ND	ND	ND	10	10	12223-01-7
Disperse blue 124	ND	ND	ND	ND	10	10	61951-51-7
Disperse yellow 3	ND	ND	ND	ND	10	10	2832-40-8
Disperse orange 3	ND	ND	ND	ND	10	10	730-40-5
Disperse orange 37/76	ND	ND	ND	ND	10	10	12223-33-5 13301-61-6
Disperse red 1	ND	ND	ND	ND	10	10	2872-52-8
Solvent yellow 1	ND	ND	ND	ND	10	10	60-09-3
Solvent yellow 2	ND	ND	ND	ND	10	10	60-11-7
Solvent yellow 3	ND	ND	ND	ND	10	10	97-56-3
Basic red 9	ND	ND	ND	ND	10	10	569-61-9
Basic violet 1	ND	ND	ND	ND	10	10	8004-87-3
Basic violet 3	ND	ND	ND	ND	10	10	548-62-9
Acid red 26	ND	ND	ND	ND	10	10	3761-53-3
Acid violet 49	ND	ND	ND	ND	10	10	1694-09-3

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Tested Item	Result (mg/kg)				MDL (mg/kg)	Action Limit (mg/kg)	CAS NO.
	(9)	(10)	(11)	(12)			
Disperse blue 1	ND	ND	ND	ND	10	10	2475-45-8
Disperse blue 3	ND	ND	ND	ND	10	10	2475-46-9
Disperse blue 106	ND	ND	ND	ND	10	10	12223-01-7
Disperse blue 124	ND	ND	ND	ND	10	10	61951-51-7
Disperse yellow 3	ND	ND	ND	ND	10	10	2832-40-8
Disperse orange 3	ND	ND	ND	ND	10	10	730-40-5
Disperse orange 37/76	ND	ND	ND	ND	10	10	12223-33-5 13301-61-6
Disperse red 1	ND	ND	ND	ND	10	10	2872-52-8
Solvent yellow 1	ND	ND	ND	ND	10	10	60-09-3
Solvent yellow 2	ND	ND	ND	ND	10	10	60-11-7
Solvent yellow 3	ND	ND	ND	ND	10	10	97-56-3
Basic red 9	ND	ND	ND	ND	10	10	569-61-9
Basic violet 1	ND	ND	ND	ND	10	10	8004-87-3
Basic violet 3	ND	ND	ND	ND	10	10	548-62-9
Acid red 26	ND	ND	ND	ND	10	10	3761-53-3
Acid violet 49	ND	ND	ND	ND	10	10	1694-09-3

Tested Component(s):

- (1) Blue lead
- (2) Yellow lead
- (3) Green lead
- (4) Purple lead
- (5) Orange lead
- (6) Atrovirens lead
- (7) Dark pink lead
- (8) Dark blue lead
- (9) Brown lead
- (10) Dark brown lead

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(11) Black lead

(12) Red lead

Remark:

- mg/kg = milligram per kilogram = ppm
- ND = Not Detected (less than MDL)
- MDL = Method Detection Limit
- Result shown of tested component (11) is copied from CTI test report TJD02G001860.

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▼ Primary aromatic amines

As specified in European standard on safety of toys EN 71-9:2005+A1:2007-Organic chemical compounds -Requirements, Organic chemical compounds were determined with reference to EN 71-10:2005 - Sample preparation and extraction and EN 71-11:2005 - Methods of analysis.

Tested Item	Result (mg/kg)				MDL	Action Limit	CAS NO.
	(1)	(2)	(3)	(4)	(mg/kg)	(mg/kg)	
Benzidine	ND	ND	ND	ND	1	5	92-87-5
2-Naphthylamine	ND	ND	ND	ND	1	5	91-59-8
4-Chloroaniline	ND	ND	ND	ND	1	5	106-47-8
3,3'-Dichlorobenzidine	ND	ND	ND	ND	1	5	91-94-1
3,3'-Dimethoxybenzidine	ND	ND	ND	ND	1	5	119-90-4
3,3'-Dimethylbenzidine	ND	ND	ND	ND	1	5	119-93-7
o-Toluidine	ND	ND	ND	ND	1	5	95-53-4
2-Methoxyaniline	ND	ND	ND	ND	1	5	90-04-0
Aniline	ND	ND	ND	ND	1	5	62-53-3

Tested Item	Result (mg/kg)				MDL	Action Limit	CAS NO.
	(5)	(6)	(7)	(8)	(mg/kg)	(mg/kg)	
Benzidine	ND	ND	ND	ND	1	5	92-87-5
2-Naphthylamine	ND	ND	ND	ND	1	5	91-59-8
4-Chloroaniline	ND	ND	ND	ND	1	5	106-47-8
3,3'-Dichlorobenzidine	ND	ND	ND	ND	1	5	91-94-1
3,3'-Dimethoxybenzidine	ND	ND	ND	ND	1	5	119-90-4
3,3'-Dimethylbenzidine	ND	ND	ND	ND	1	5	119-93-7
o-Toluidine	ND	ND	ND	ND	1	5	95-53-4
2-Methoxyaniline	ND	ND	ND	ND	1	5	90-04-0
Aniline	ND	ND	ND	ND	1	5	62-53-3

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Tested Item	Result (mg/kg)				MDL (mg/kg)	Action Limit (mg/kg)	CAS NO.
	(9)	(10)	(11)	(12)			
Benzidine	ND	ND	ND	ND	1	5	92-87-5
2-Naphthylamine	ND	ND	ND	ND	1	5	91-59-8
4-Chloroaniline	ND	ND	ND	ND	1	5	106-47-8
3,3'-Dichlorobenzidine	ND	ND	ND	ND	1	5	91-94-1
3,3'-Dimethoxybenzidine	ND	ND	ND	ND	1	5	119-90-4
3,3'-Dimethylbenzidine	ND	ND	ND	ND	1	5	119-93-7
<i>o</i> -Toluidine	ND	ND	ND	ND	1	5	95-53-4
2-Methoxyaniline	ND	ND	ND	ND	1	5	90-04-0
Aniline	ND	ND	ND	ND	1	5	62-53-3

Tested Component(s):

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- (5) Orange lead
- (6) Atrovirens lead
- (7) Dark pink lead
- (8) Dark blue lead
- (9) Brown lead
- (10) Dark brown lead
- (11) Black lead
- (12) Red lead

Remark:

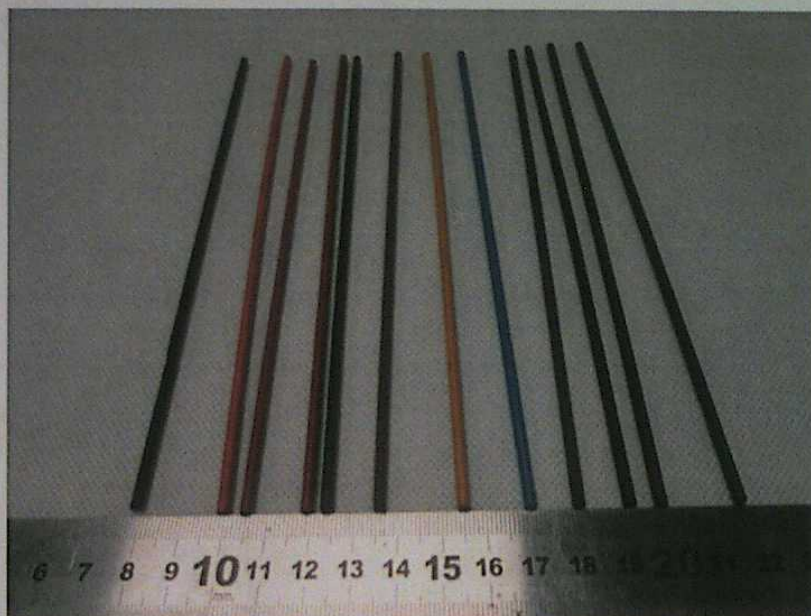
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Photo of the sample



*** End of Report ***

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