

## Test Report

No. SHATY2301527401

Date: 03 Mar 2023

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Client Name : HAPE INTERNATIONAL (NINGBO) LTD HAPPY ARTS&CRAFTS (NINGBO)CO., LTD

Client Address : 9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY, BEILUN,NINGBO,CHINA PC:315800

Sample Name : JUMBO COLORED PENCIL 144/JUMBO COLORED PENCIL 12

Item No. : 1.JUMBO COLORED PENCIL 144 843976 2.JUMBO COLORED PENCIL 12 843975

Requested Age Grading : 3+

The above sample(s) and information were provided by the client.

SGS Job No. : SHHL2302007473TY - SH

Date of Sample Received : 01 Mar 2023

Testing Period : 01 Mar 2023 - 03 Mar 2023

Test Requested : Selected test(s) as requested by the client.

Test Method(s) : Please refer to next page(s).

Test Result(s) : Please refer to next page(s).

### Result Summary :

Test Requested	Conclusion
American Society for Testing and Materials –ASTM F 963-17 – soluble Heavy Metal for paint and similar surface-coating materials/ Substrate Materials	PASS

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

*Lucia Liu*

Lucia Liu  
Approved Signatory

scan to see the report



SHATY2301527401



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Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA23-015274.001	Red coating
SN2	SHA23-015274.002	Orange coating
SN3	SHA23-015274.003	Pink coating
SN4	SHA23-015274.004	Yellow coating
SN5	SHA23-015274.005	Light green coating
SN6	SHA23-015274.006	Light blue coating
SN7	SHA23-015274.007	Dark green coating
SN8	SHA23-015274.008	Dark blue coating
SN9	SHA23-015274.009	Salmon coating
SN10	SHA23-015274.010	Purple coating
SN11	SHA23-015274.011	Brown coating
SN12	SHA23-015274.012	Black coating
SN13	SHA23-015274.013	Silvery coating
SN14	SHA23-015274.014	Natural wood without coating

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected ( < MDL )
- (4) "-" = Not Regulated

**American Society for Testing and Materials –ASTM F 963-17 – soluble Heavy Metal for paint and similar surface-coating materials/ Substrate Materials**

Test Method : With reference to ASTM F 963-17 (Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	105	264	223
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND



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Test Item(s)	Limit	Unit	MDL	004	005	006
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	269	296	156
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	007	008	009
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	250	145	162
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	010	011	012
Soluble Lead (Pb)	90	mg/kg	5	ND	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	185	136	168
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	013	014
Soluble Lead (Pb)	90	mg/kg	5	-	ND
Soluble Antimony (Sb)	60	mg/kg	5	-	ND
Soluble Arsenic (As)	25	mg/kg	2.5	-	ND
Soluble Barium (Ba)	1000	mg/kg	10	-	ND
Soluble Cadmium (Cd)	75	mg/kg	5	-	ND
Soluble Chromium (Cr)	60	mg/kg	5	-	ND
Soluble Mercury (Hg)	60	mg/kg	5	-	ND
Soluble Selenium (Se)	500	mg/kg	10	-	ND



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Notes :

- (1) Results shown are of the adjusted analytical results.
- (2) Mass of trace amount of sample 001 is 99.4mg.
- (3) As received, the test portion of samples 013 from one whole sample are less than 10mg, therefore such components were not tested for certain migration elements, as specified in ASTM F963-17 Clause 8.3.3.6 (2) – Selection of Test Portions.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ( $w=0$ ) stated in ILAC-G8:09/2019.

Sample photo:



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