



Greater China

Test Report

No.: 70.431.20.12293.01

Dated: 2020-07-06

Applicant: BIGPOINT KIRTASIYE SAN. VE TIC.LTD.STI.
Address: ISTANBUL
TURKEY
Product Name: oil pastel
Style No.: BP740-12/BP740-18/BP740-24/BP741-12/BP741-18/BP741-24/BP741-36
Country of Destination: turkey
Receipt Date of Sample: 2020-06-15
Date of Testing: 2020-06-23 to 2020-07-06
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. EN 71-1:2014+A1:2018 Mechanical and Physical Properties	Pass
2. EN 71-2:2011+A1:2014 Flammability	Pass
3. EN 71-3:2019 Migration of certain elements	Pass
4. Total Cadmium Content Requirement in Annex XVII, Item 23 of the REACH Regulation(EC) No 1907/2006 with its Amendments	Pass
5. Phthalates Content in Annex XVII Items 51 and 52 of the REACH Regulation(EC) No 1907/2006 with its Amendments	Pass
6. Polycyclic Aromatic Hydrocarbons (PAHs) Content in Annex XVII item 50 of the REACH Regulation(EC) No 1907/2006 with its Amendments	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. <= Less than
4. 1 mg/kg = 1 ppm = 0.0001%

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TÜV SÜD Certification and Testing (China) Co.,Ltd. Shanghai Branch
Testing Center

Prepared by:

Wu, Jingqing
Technical Engineer

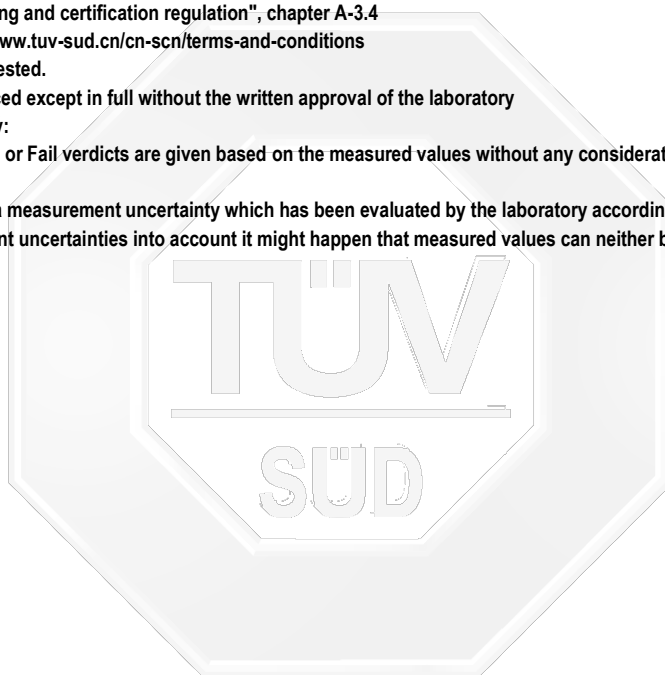


Authorized by:

Sawyer Tang
Technical Manager

Note:

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Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.
Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements. By taking measurement uncertainties into account it might happen that measured values can neither be assessed as Pass nor as Fail.



Description of the Tested Subject

Sample	Description	Photo
A	oil pastel	
B	oil pastel	

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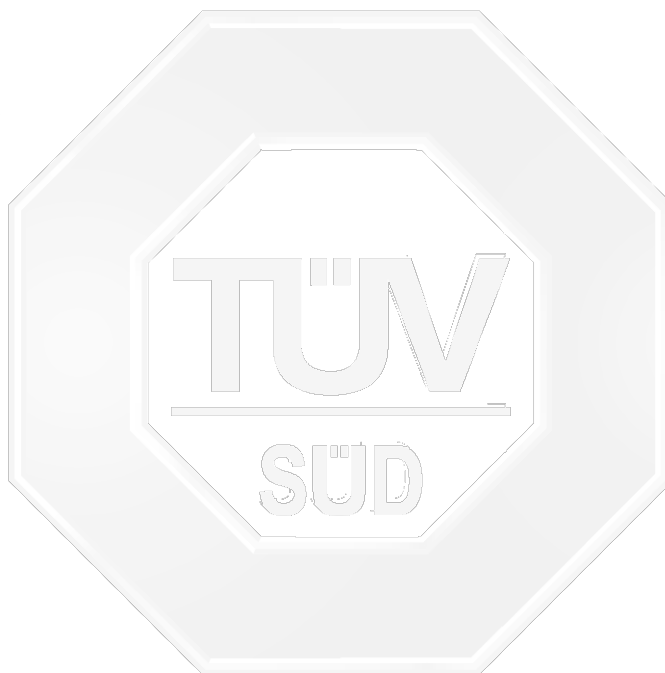
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Sample	Description	Photo
C	oil pastel	
D	oil pastel	

Sample	Description	Photo
E	oil pastel	
F	oil pastel	
G	oil pastel	

Specimen Description

001	Red oil pastel (A)
002	Orange oil pastel (A)
003	Flesh pink oil pastel (A)
004	Yellow oil pastel (A)
005	Green oil pastel (A)
006	Deep green oil pastel (A)
007	Blue oil pastel (A)
008	Royal blue oil pastel (A)
009	Pink oil pastel (A)
010	Purple oil pastel (A)
011	Brown oil pastel (A)
012	Black oil pastel (A)
013	Multicolor paper (A)



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Test Results

Age range and Labelling requirements

Item	Requirement – test item	Results, remarks	Evaluation
1	Age range	Labelled age range: Not stated Requested age range: 3+ Age range in testing: Over 3 years	/
2	Labelling requirement (Washing/Cleaning instruction, CE marking, Importer / Manufacturer name and address, Product identification) according to the Directive 2009/48/EC-Safety of toys.		/
2.1	CE marking	Result (On Product): Absent Result (On Package): Present	/
2.2	Manufacturer's Name and Address	Result (On Product): Absent Result (On Package): Absent	/
2.3	Importer's Name and Address	Result (On Product): Absent Result (On Package): Present	/
2.4	Product Identification	Result (On Product): Absent Result (On Package): Present	/
2.5	The following marking shall be fulfilled.		/
2.5.1	The CE marking is subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking shall be affixed visibly, legibly and indelibly to the toy, to an affixed label to the packaging, or to the counter display.		/
2.5.2	The manufacturer's name and address, importer's name and address in the EU shall be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.		/
2.5.3	The toys shall bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.		/

1. EN 71-1:2014+A1:2018 Mechanical and physical properties

Item	Requirement – test item	Results, remarks	Evaluation
4	General requirements		/
4.1	Material cleanliness		P
4.7	Edges		P
4.8	Points and metallic wires		P
7	Warnings, markings and instructions for use		/
7.1	General		P
7.2	Warnings - toys not intended for children under 36 months		P

2. EN 71-2:2011+A1:2014 Flammability

Item	Requirement – test item	Results, remarks	Evaluation
4.1	General requirements		P

Abbreviation: P=Pass; F=Fail; N/A = Not Applicable; N/T=Not Tested; N/R=Not Requested; / = slash symbol

Note: Only applicable clauses were shown.

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3. EN 71-3:2019 Migration of certain elements

Test with reference to EN 71-3:2019

Test Item	Limit in dry, brittle, powder like or pliable toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]					
			001	002	003	004	005	006
Soluble Aluminum	2250	20.00	28.6	27.4	30.1	29.5	<20.00	20.3
Soluble Antimony	45	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Arsenic	3.8	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Barium	1500	20.00	26.7	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Boron	1200	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Cadmium	1.3	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Chromium III*	37.5	0.02	0.185	0.156	0.283	0.220	0.096	0.166
Soluble Chromium VI*	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Soluble Cobalt	10.5	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Copper	622.5	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Lead	2	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Manganese	1200	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Mercury	7.5	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Nickel	75	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Selenium	37.5	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Strontium	4500	20.00	34.8	29.9	31.0	28.0	<20.00	<20.00
Soluble Tin	15000	0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Organic Tin	0.9	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Soluble Zinc	3750	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Conclusion			Pass	Pass	Pass	Pass	Pass	Pass

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Test Item	Limit in dry, brittle, powder like or pliable toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]					
			007	008	009	010	011	012
Soluble Aluminum	2250	20.00	20.9	29.0	<20.00	<20.00	26.9	<20.00
Soluble Antimony	45	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Arsenic	3.8	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Barium	1500	20.00	<20.00	22.4	<20.00	<20.00	<20.00	<20.00
Soluble Boron	1200	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Cadmium	1.3	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Chromium III*	37.5	0.02	0.190	0.267	<0.02	0.076	0.156	0.071
Soluble Chromium VI*	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Soluble Cobalt	10.5	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Copper	622.5	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Lead	2	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Manganese	1200	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Mercury	7.5	1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Soluble Nickel	75	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Selenium	37.5	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Soluble Strontium	4500	20.00	<20.00	27.5	<20.00	<20.00	26.0	<20.00
Soluble Tin	15000	0.20	<0.20	<0.20	<0.20	<0.20	<0.20	<0.20
Organic Tin	0.9	0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Soluble Zinc	3750	20.00	<20.00	<20.00	<20.00	<20.00	<20.00	<20.00
Conclusion			Pass	Pass	Pass	Pass	Pass	Pass

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Test Item	Limit in scraped-off toy materials [mg/kg]	MDL [mg/kg]	Result(s) [mg/kg]
			013
Soluble Aluminum	28130	5.00	42.5
Soluble Antimony	560	5.00	<5.00
Soluble Arsenic	47	5.00	<5.00
Soluble Barium	18750	5.00	<5.00
Soluble Boron	15000	5.00	<5.00
Soluble Cadmium	17	5.00	<5.00
Soluble Chromium III	460	0.04	0.120
Soluble Chromium VI	0.053	0.04	<0.04
Soluble Cobalt	130	5.00	<5.00
Soluble Copper	7700	5.00	<5.00
Soluble Lead	23	5.00	<5.00
Soluble Manganese	15000	5.00	5.85
Soluble Mercury	94	5.00	<5.00
Soluble Nickel	930	5.00	<5.00
Soluble Selenium	460	5.00	<5.00
Soluble Strontium	56000	5.00	33.5
Soluble Tin	180000	3.00	<3.00
Organic Tin	12	7.50	<7.50
Soluble Zinc	46000	5.00	<5.00
Conclusion			Pass

Remark: For samples 001~012, the preparation of de-waxing step was performed.

4. Total Cadmium Content Requirement in Annex XVII, Item 23 of the REACH Regulation(EC) No 1907/2006 with its Amendments

Test with reference to Acid digestion and EN 1122:2001 Method B, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
001+002+003	mg/kg	5	<100	<5.0	Pass
004+005+006	mg/kg	5	<100	<5.0	Pass
007+008+009	mg/kg	5	<100	<5.0	Pass
010+011+012	mg/kg	5	<100	<5.0	Pass
013	mg/kg	5	<100	<5.0	Pass

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5. Phthalates Content in Annex XVII Items 51 and 52 of the REACH Regulation(EC) No 1907/2006 with its Amendments

Test with reference to in house method, solvent extraction and determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001+002+003	004+005+006
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	<0.1	<0.005	<0.005
Di-isononyl phthalate, DINP	28553-12-0 , 68515-48-0	%	0.005	-	<0.005	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 , 68515-49-1	%	0.005	-	<0.005	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	<0.1	<0.005	<0.005
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007+008+009	010+011+012
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	<0.1	<0.005	<0.005
Di-isononyl phthalate, DINP	28553-12-0 , 68515-48-0	%	0.005	-	<0.005	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 , 68515-49-1	%	0.005	-	<0.005	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	<0.1	<0.005	<0.005
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)
					013
Bis (2-ethylhexyl) phthalate, DEHP	117-81-7	%	0.005	-	<0.005
Dibutyl phthalate, DBP	84-74-2	%	0.005	-	<0.005
Benzyl butyl phthalate, BBP	85-68-7	%	0.005	-	<0.005
Diisobutylphthalate, DIBP	84-69-5	%	0.005	-	<0.005
Sum of DBP, BBP, DEHP, DIBP	-	%	0.005	<0.1	<0.005
Di-isononyl phthalate, DINP	28553-12-0 , 68515-48-0	%	0.005	-	<0.005
Di-isodecyl phthalate, DIDP	26761-40-0 , 68515-49-1	%	0.005	-	<0.005
Di-n-octyl phthalate, DNOP	117-84-0	%	0.005	-	<0.005
Sum of DINP, DIDP, DNOP	-	%	0.005	<0.1	<0.005
Conclusion					Pass

6. Polycyclic Aromatic Hydrocarbons (PAHs) Content in Annex XVII item 50 of the REACH Regulation(EC) No 1907/2006 with its Amendments

Test with reference to AfPS GS 2019:01, solvent extraction and determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					001+002+003	004+005+006
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	<0.5	<0.1	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	<0.5	<0.1	<0.1
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	<0.5	<0.1	<0.1
Conclusion					Pass	Pass

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Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					007+008+009	010+011+012
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	<0.5	<0.1	<0.1
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	<0.5	<0.1	<0.1
Chrysene (CHR)	218-01-9	mg/kg	0.1	<0.5	<0.1	<0.1
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	<0.5	<0.1	<0.1
Conclusion					Pass	Pass

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					013	
Benzo[b]fluoranthene (BbFA)	205-99-2	mg/kg	0.1	<0.5	<0.1	
Benzo[a]anthracene (BaA)	56-55-3	mg/kg	0.1	<0.5	<0.1	
Benzo[a]pyrene (BaP)	50-32-8	mg/kg	0.1	<0.5	<0.1	
Benzo[e]pyrene (BeP)	192-97-2	mg/kg	0.1	<0.5	<0.1	
Benzo[j]fluoranthene (BjFA)	205-82-3	mg/kg	0.1	<0.5	<0.1	
Benzo[k]fluoranthene (BkFA)	207-08-9	mg/kg	0.1	<0.5	<0.1	
Chrysene (CHR)	218-01-9	mg/kg	0.1	<0.5	<0.1	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	mg/kg	0.1	<0.5	<0.1	
Conclusion					Pass	

- End of Test Report -