

TEST REPORT

Applicant:

**DONGYANG TAILIAN ARTS & CRAFTS
MANUFACTURE CO.,LTD**

**东阳市台连工艺品制造有限公司
浙江省东阳市巍山镇白坦工业区**

Attn: 吴杭

Sample Description As Declared :

No. Of Sample	: One Bag
Fibre Content	: -
Material	: Glitter Powder
Finishing	: -
End Uses	: Men's Arts and Crafts
Season	: -
Colour	: All Colors
Style No.	: -
Order No./PO No.	: -
Buyer's Name	: Leo Paper
Manufacturer's Name	: -

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Conclusion :

<u>Tested Sample/Component</u>	<u>Standard</u>	<u>Result</u>
Tested Component (1)	EN71 Part 3 : 1994 And Amendment A1 : 2000 And AC : 2002	Pass
Tested Component (1)	International Standard ISO 8124-3: 2010 / ISO 8124-3: 1997 Toxic Elements Analysis	Pass
Tested Component (1)	Toxic Elements test - U.S. ASTM F963-08	Pass
Tested Component (1)	Leo paper requirement on phthalate content	Pass
Tested Component (1)	U.S. Code Of Federal Regulations Title 16 CFR 1303 For Total Lead Content In Surface Coating	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 For Total Lead Content In Surface Coating	Pass

Prepared And Checked By:
For Intertek Testing Services
Textile And Footwear Division



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Attention is drawn to the terms and conditions printed overleaf.

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Tests Conducted (As Requested By The Applicant)**1 Toxic Elements Analysis:**

With Reference European Standard On Safety Of Toys EN71 Part 3 : 1994 And Amendment A1 : 2000 And AC : 2002, Acid Extraction Method Was Used And Toxic Elements Content Were Determined By Inductively Coupled Argon Plasma Spectrometry.

Result In mg/kgLimit In mg/kg

	(1)	
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Tested Sample :

1. Multi -color glitter powder

Remark : mg/kg = milligram per kilogram

Sol. = Soluble

< = Less than

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Tests Conducted (As Requested By The Applicant)**2 Toxic Elements Analysis**

As per International Standard ISO 8124-3: 2010 / ISO 8124-3: 1997, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result in mg/kg</u>	<u>Limit mg/kg</u>
	(1)	
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Remark : Sol. = Soluble
 < = Less than
 mg/kg = milligram per kilogram

Tested Sample :

1. Multi -color glitter powder

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Tests Conducted (As Requested By The Applicant)

3 Toxic Elements Analysis:

As Per Section 4.3.5 Of The ASTM Standard Consumer Safety Specification On Toy Safety F963-08, Acid Digestion And Extraction Methods Were Used And Toxic Elements Content Were Determined By Inductively Coupled Argon Plasma Spectrometry.

	Result In ppm (1)	Limit In ppm
Total Lead (Pb)	<10	90
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Remark : Sol. = Soluble

< = Less than

ppm = parts per million

Tested Sample :

1. Multi-color glitter powder

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Tests Conducted (As Requested By The Applicant)**4 Phthalate Content Test**

With reference to ASTM D3421, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Result (% (w/w))

Dibutyl phthalate (DBP)
Diethylhexyl phthalate (DEHP)
Diisononyl phthalate (DINP)
Benzylbutyl phthalate (BBP)
Di-n-octyl phthalate (DnOP)
Diisodecyl phthalate (DIDP)
Dimethyl phthalate (DMP)
Diethyl phthalate (DEP)
Dipentyl phthalate (DPP)
Dinonyl phthalate (DNP)
Dicyclohexyl phthalate (DCHP)
Dipropyl phthalate (DPrP)
Diisobutyl phthalate (DIBP)
Di-n-hexyl phthalate (DnHP)
Diisooctyl phthalate (DIOP)

(1)

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

ND

Applicant's requirement :

Not detected

Remark: Detection limit = 0.01% (w/w)
ND = Not detected
1. multi-color glitter powder

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Tests Conducted (As Requested By The Applicant)**1. Total Lead (Pb) Content In Surface Coating**

As Per U.S. Code Of Federal Regulations Title 16 CFR 1303 And U.S. Consumer Product Safety Improvement Act 2008 , Title I, Section 101 For Children's Products Containing Lead, Acid Digestion Method Was Used And Total Lead Content Was Determined By Inductively Coupled Argon Plasma Spectrometry.

Tested Sample

(1)

Result In ppm

<10

Requirement In ppm

90

Tested sample :

1. multi-color glitter powder

Remark : ppm = parts per million

< = Less than

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