

TEST REPORT

Applicant: Colorful View Co. Ltd.
4F, No. 66-8, Sec. 2, Nan Kan Rd.,
Lu Ju District, Taoyuan City 33855,
Taiwan, R.O.C.

Number : TWNH00088580

Issue Date : Mar 22, 2021

Sample Description:

One (1) Groups of Submitted Samples Said To Be :
Item Name : Glitter Wand
Item No. : BA-2001
Quantity : 1 Group
Vendor/Manufacturer : Colorful View Co. Ltd.
Country of Origin : Taiwan
Date Sample Received : Mar 12, 2021
Date Test Started : Mar 12, 2021

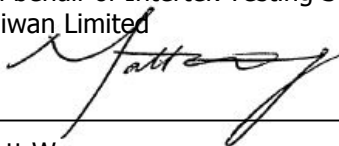
Test Conducted:

As requested by the applicant, for details please refer to attached pages.

Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested Component of Submitted Samples	19 Toxic Element Migration Test — As per applicant's request with reference to European standard on safety of toys EN 71-3:2019	Pass

Authorized By:
On behalf of Intertek Testing Services
Taiwan Limited



Matt Wang
Director



Signed by:



Thomas Chou
Manager



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Test Conducted

19 Toxic Element Migration Test

As per applicant's request with reference to EN 71-3: 2019 and followed by Inductively Coupled Plasma-Optical Emission Spectrometer (ICP-OES) and Inductively Coupled Plasma Mass Spectrometer (ICP-MS). Further confirmation test was determined by High Performance Liquid Chromatography with Diode Array Detection (HPLC-DAD), Liquid Chromatography /Inductively Coupled Plasma Mass Spectrometer (LC/ICP-MS), and Gas Chromatography-Mass Spectrometer (GC-MS) when necessary.

Category III: Scraped-off toy material

Element	Result (mg/kg)	Detection limit (mg/kg)	Limit (mg/kg)
	Transparent plastic stick		
Aluminium (Al)	ND	300	70000
Antimony (Sb)	ND	10	560
Arsenic (As)	ND	10	47
Barium (Ba)	ND	10	18750
Boron (B)	ND	50	15000
Cadmium (Cd)	ND	5	17
Chromium (III) (Cr(III))	ND	10	460
Chromium (VI) (Cr(VI))	ND	0.025	0.053
Cobalt (Co)	ND	10	130
Copper (Cu)	ND	10	7700
Lead (Pb)	ND	10	23
Manganese (Mn)	ND	10	15000
Mercury (Hg)	ND	10	94
Nickel (Ni)	ND	10	930
Selenium (Se)	ND	10	460
Strontium (Sr)	ND	100	56000
Tin (Sn)	ND	10	180000
Organic tin	ND	3.0	12
Zinc (Zn)	ND	100	46000

Remarks: ND = Not detected

- Unless test result was marked with "Δ", organic tin content was derived from migration tin (Sn) content.
- The new aluminium (Al) migration limits [(2250 mg/kg for category (I), 560 mg/kg for category (II) and 28130 mg/kg for category (III)] were quoted from directive (EU) 2019/1922 amending 2009/48/EC effective from 20 May 2021.
- According to the annex F to EN 71-3: 2019, the content of chromium (III) from the migration solution was calculated through the formula: chromium (III) = total chromium – chromium(VI).



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Sample photo:



End of Report

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Reporting Statements of Conformity: Please note that the test results contain statement of conformity with the decision rules which are based on the specifications of customers, regulations and standards, and does not consider measurement uncertainty.



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