

Test Report

No. SHAEC1710872806

Date: 02 Jun 2017

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WANLONG CHEMICAL CO.,LTD

PANDAI CHEMICAL INDUSTRIAL AREA,JINHU STREET, RUIAN CITY, ZHEJIANG PROVINCE, CHINA,
325200

The following sample(s) was/were submitted and identified on behalf of the clients as : FLUORESCENT
PIGMENT-MIXTURE OF ALL FB COLORS

SGS Job No. : SP17-018651 - SH
Model No. : FB
Main Substance : RESIN+DEYSTUFF
Supplier : WANLONG CHEMICAL CO.,LTD
Date of Sample Received : 26 May 2017
Testing Period : 26 May 2017 - 02 Jun 2017
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).

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

Marry Ma

Marry Ma
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA17-108728.001	Red powder

Remarks :

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

EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements(Category II:for liquid or sticky toy material)

Test Method : With reference to EN71-3:2013+A1:2014, analysis was performed by ICP-MS
 Soluble Organic Tin was analyzed by GC-MS.
 Soluble Chromium (VI) was analyzed by IC-UV or LC-ICP-MS

Test Item(s)	Limit	Unit	MDL	001
Soluble Chromium (VI) (Cr VI)	0.005	mg/kg	0.005	ND
Soluble Lead (Pb)	3.4	mg/kg	0.5	ND
Soluble Antimony (Sb)	11.3	mg/kg	1	ND
Soluble Arsenic (As)	0.9	mg/kg	0.5	ND
Soluble Barium (Ba)	375	mg/kg	50	ND
Soluble Cadmium (Cd)	0.3	mg/kg	0.1	ND
Soluble Chromium (III) (Cr III)	9.4	mg/kg	5	ND
Soluble Mercury (Hg)	1.9	mg/kg	0.5	ND
Soluble Selenium (Se)	9.4	mg/kg	5	ND
Soluble Boron (B)	300	mg/kg	50	ND
Soluble Cobalt (Co)	2.6	mg/kg	0.5	ND
Soluble Manganese (Mn)	300	mg/kg	50	ND
Soluble Strontium (Sr)	1125	mg/kg	50	ND
Soluble Zinc (Zn)	938	mg/kg	50	461
Soluble Copper (Cu)	156	mg/kg	50	ND
Soluble Aluminum (Al)	1406	mg/kg	50	ND
Soluble Nickel (Ni)	18.8	mg/kg	10	ND
Soluble Tin (Sn)	3750	mg/kg	0.08	ND
^Methyl tin (MeT)	-	mg/kg	0.14	ND



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Test Item(s)	Limit	Unit	MDL	001
^Di-n-propyl tin (DProT)	-	mg/kg	0.14	ND
^Dibutyl tin (DBT)	-	mg/kg	0.14	ND
^Tributyl tin (TBT)	-	mg/kg	0.14	ND
^n-Octyl tin (MOT)	-	mg/kg	0.14	ND
^Tetra-butyl tin (TeBT)	-	mg/kg	0.14	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.14	ND
^Di-n-octyl tin (DOT)	-	mg/kg	0.14	ND
^Triphenyl tin (TPhT)	-	mg/kg	0.14	ND
^Butyl tin(BuT)	-	mg/kg	0.14	ND
Sum of Soluble Organic Tin	0.2	mg/kg	-	ND

Notes :

(1) ^ means the Organic Tin specified in EN71-3:2013+A1:2014 and it is analyzed by GC-MS

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***



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