

Test Report

No.: QDHL1906011238ST

Date: JUL.02,2019

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YAN TAI YONG XING WEN HUA YONG PIN CO., LTD
SOUTH OF LIUXIANZHUANG VILLAGE, XIADIAN TOWN, ZHAOYUAN

The following sample(s) was/were submitted and identified by the client as:

Sample Description : PENCIL CORE, CARBIDE CORE
SGS Ref. No. : TAOHG1902761301
Previous Report #: : QDHL1904007813ST
Sample Receiving Date : JUN.24,2019
Testing Period : JUN.24,2019 TO JUL.02,2019

Test Requested

Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738 –
EN71-3: 2013 + A3: 2018, as specified by clients – Migration of certain elements
(Category I: dry, brittle, powder-like or pliable toy material)

Result

Pass

Remark: Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

SGS-CSTC Standards
Technical Services (Qingdao)
Co., Ltd.



Zhou Xinkuan, SK
Lab Manager



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	TAO19-018676.001	Black pencil core (HB)
SN2	TAO19-018676.002	Black pencil core (2B)
SN3	-----.003	Black carbide core (Submitted on Jun 24, 2019)

Remarks :

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

Directive 2009/48/EC and its Amendment Council Directive (EU) 2017/738 – EN71-3: 2013 + A3: 2018, as specified by clients – Migration of certain elements (Category I: dry, brittle, powder-like or pliable toy material)

Test Method : With reference to EN71-3: 2013 + A3: 2018, analysis was performed by ICP-MS.
Soluble Chromium (VI) was analyzed by IC-UV

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Chromium (VI)	0.02	mg/kg	0.018	ND	ND	ND
Soluble Lead (Pb)	2.0	mg/kg	0.5	ND	ND	1.4
Soluble Antimony (Sb)	45	mg/kg	1	ND	ND	ND
Soluble Arsenic (As)	3.8	mg/kg	0.5	ND	ND	ND
Soluble Barium (Ba)	1500	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	1.3	mg/kg	0.1	ND	ND	ND
Soluble Chromium (III) (Cr III)	37.5	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	7.5	mg/kg	0.5	ND	ND	ND
Soluble Selenium (Se)	37.5	mg/kg	5	ND	ND	ND
Soluble Boron (B)	1200	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	10.5	mg/kg	0.5	ND	ND	ND
Soluble Manganese (Mn)	1200	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	4500	mg/kg	50	ND	ND	ND
Soluble Tin (Sn)	15000	mg/kg	0.36	ND	ND	ND
Soluble Zinc (Zn)	3750	mg/kg	50	ND	ND	ND
Soluble Copper (Cu)	622.5	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	5625	mg/kg	50	234	289	408
Soluble Nickel (Ni)	75	mg/kg	10	ND	ND	ND
Soluble Organic Tin*	0.9	mg/kg	-	ND	ND	ND
Comment				PASS	PASS	PASS



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Notes :

(1) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013 + A3: 2018.

Notes :

Only sample ID 003 was retested, all other results were copied from report No. QDHL1904007813ST.

Sample Photo:



Retest Sample:



SGS authenticate the photo on original report only

End of Report



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