



Test Report No. F690101/LF-CTSAYHA16-02384

Issued Date : 2016. 03. 28

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

SGS File No. : AYHA16-02384
Sample Description : TUBE MAT
Style no./Item no. : -
Order No. : -
Buyer : -
Manufacturer : -
Country of Origin : -
Country of Destination : -
Received Date : 2016. 03. 24
Test Period : 2016. 03. 24 to 2016. 03. 28
Test Method : For further details, please refer to following page (s)
Test Results : For further details, please refer to following page (s)
Result Summary :

Test Requested	Conclusion
As per client request, for compliance with EN71 Part 3:1994+A1:2000/AC:2002 Safety of toys – Migration of Certain Elements	PASS
Phthalates content Entries 51 and 52 of European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and Regulation (EC) No. 552/2009 – previously restricted under Directive 2005/84/EC	PASS

(Selected specimen(s) was/were tested as specified by the applicant, please refer to test result page(s) for details.

SGS Korea Co., Ltd

Jeff Jang / Chemical Lab Mgr

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Results :

- Migration of Certain Element

As specified in European standard on safety of toys EN 71 Part 3:1994+A1:2000/AC:2002 – Migration of certain elements were performed by Inductively Coupled Argon Plasma Spectrometry.

Element	Results (Unit : mg/kg)								Conclusion
	Lead (Pb)	Antimony (Sb)	Arsenic (As)	Barium (Ba)	Cadmium (Cd)	Chromium (Cr)	Mercury (Hg)	Selenium (Se)	
Limit	90	60	25	1000	75	60	60	500	-
MDL	5	5	2.5	10	5	2.5	2.5	10	-
1	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	N. D.	PASS

Sample Description :

1. Purple tube

- Note: (1) N. D. = Not detected (< MDL)
 (2) MDL = Method Detection Limit
 (3) Results shown are of the adjusted analytical result.

Phthalates content

Test Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit	Detection Limit	Result(s)	Recommended Max. Limit
				1	
<u>For all childcare articles</u>					
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	50	N. D.	/
Benzylbutyl Phthalate (BBP)	85-68-7	mg/kg	50	N. D.	/
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	50	N. D.	/
Total (DBP+BBP+DEHP)	--	mg/kg	--	N. D.	1000
<u>For childcare articles if it can be placed in the mouth</u>					
Diisononyl Phthalate (DINP)	28553-12-0 / 68515-48-0	mg/kg	50	N. D.	/
Di-n-octyl Phthalate (DNOP)	117-84-0	mg/kg	50	N. D.	/
Diisodecyl Phthalate (DIDP)	26761-40-0 / 68515-49-1	mg/kg	50	N. D.	/
Total (DINP+DNOP+DIDP)	--	mg/kg	--	N. D.	1000
Conclusion	--	--	--	PASS	-

Note: (1) N. D. = Not Detected (lower than Detection Limit)

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