

**MOORIM PAPER CO., LTD.**  
 1003, Namgang-ro  
 Jinju-si, Gyeongsangnam-do  
 Korea

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

<b>SGS File No.</b>	:	AYHA23-00302
<b>Sample Description</b>	:	Uncoated Wood-Free Paper
<b>Style no./Item no.</b>	:	-
<b>Order No.</b>	:	-
<b>Manufacturer</b>	:	-
<b>Country of Origin</b>	:	-
<b>Country of Destination</b>	:	-
<b>Received Date</b>	:	2023. 01. 09
<b>Test Period</b>	:	2023. 01. 09 to 2023. 01. 16
<b>Test Method</b>	:	For further details, please refer to following page (s)
<b>Test Results</b>	:	For further details, please refer to following page (s)
<b>Report Comments</b>	:	The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report is not related to Korea Laboratory Accreditation Scheme. The statement of conformity was made on the requested specification or standard. The decision rule would be based on the binary statement (Pass/Fail) according to ILAC-G8:09/2019 guideline 4.2.1 without taking measurement uncertainty into account by applicant's agreement.
<b>Result Summary</b>	:	

Test Requested	Conclusion
Selected test(s) as requested by applicant for compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA):- - To determine Heavy Elements in the submitted samples with reference to ASTM F963-17 4.3.5.2 – Heavy Metal in Substrate Materials	-  <b>PASS</b>

SGS Korea Co., Ltd.



Tommy Oh / Chemical Lab Mgr

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**Test Results:**

ASTM F963-17, Clause 4.3.5.2 – Heavy Elements in Toys Substrate Materials

Total Lead

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 – Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product. Analysis was performed by ICP-OES.

Test Item(s)	Lead (Pb)	Conclusion
Total Limit (mg/kg)	100	
Method Detection Limit (mg/kg)	20	
Sample No.	Total Result(s) (mg/kg)	
1.	ND	<b>PASS</b>

Soluble Heavy Metals

Method: With reference to ASTM F963-17 Clause 8.3. Analysis was performed by ICP-OES.

Test Item(s)	Pb	Sb	As	Ba	Cd	Cr	Hg	Se	Conclusion
Migration Limit (mg/kg) - Other Than Modeling Clays	90	60	25	1000	75	60	60	500	
Method Detection Limit	5	5	2.5	10	5	2.5	2.5	10	
Sample No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (mg/kg)							
1.	--	ND	ND	ND	ND	ND	ND	ND	<b>PASS</b>

Sample Description:

1. White paper

- Note:
- Soluble results shown are of the adjusted analytical result.
  - ND = Not Detected(<MDL)
  - MDL = Method Detection Limit

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**Picture of Sample as Received :**



**AYHA23-00302**

\*\*\* End of Report \*\*\*

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