Test Report

No.: SHAEC24002013205 **Date:** Feb 01, 2024

Client Name: AKU HOLDINGS LTD

Client Address: NO.2 WUKESONG ROAD,ZHANGJIAGANG,SUZHOU ,JIANGSU,CHINA

Sample Name:	Polyester Acoustic Panel
Model No.:	12mm
Material No.:	AK31
Lot No.:	20230812
Main Substance:	100%polyester
Origin of the Product(s):	china
Destination of the Product(s):	USA

The above sample(s) and information were provided by the client.

SGS Job No.:	SHP24-002814
Sample Receiving Date:	Jan 26, 2024
Testing Period:	Jan 26, 2024 ~ Feb 01, 2024
Test Requested:	Select test(s) as requested by the client.
Test Method(s):	Please refer to next page(s).
Test Result(s):	Please refer to next page(s).

Test Requirement	Conclusion
VOC	See Results

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

Sue Sheng
Approved Signatory

scan to see the report
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Test Result(s):

Test Part Description：

SN ID	Sample No.	SGS Sample ID	Description
SN1	A3	SHA24-0020132-0001.C003	Green soft solid

Remarks:

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

VOC

Test Method: with reference to US EPA 5021A:2014,analysis was performed by HS-GC-MS.

Test Item(s)	Unit(s)	MDL	A3
Benzene	mg/kg	1	ND
Methanol	mg/kg	20	ND
Ethanol	mg/kg	5	ND
n-hexane	mg/kg	1	ND
1,2-Dichloroethene	mg/kg	1	ND
Acetone	mg/kg	5	ND
1,1-Dichloroethylene	mg/kg	1	ND
Iso-propanol	mg/kg	5	ND
Methylene chloride（DCM）	mg/kg	1	ND
cis-1,2-Dichloroethylene/trans-1,2-Dichloroethylene	mg/kg	-	ND
1,1-Dichloroethane	mg/kg	1	ND
2,2-Dichloropropane	mg/kg	1	ND
Bromocholromethane	mg/kg	1	ND
Chloroform	mg/kg	1	ND
1,1,1-Trichloroethane	mg/kg	1	ND
1,1-Dichloropropene	mg/kg	1	ND
Carbon tetrachloride	mg/kg	1	ND
1,2-Dichloroethane	mg/kg	1	ND
Trichloroethylene	mg/kg	1	ND
1,2-Dichloropropane	mg/kg	1	ND
1,3-Dichloropropene	mg/kg	1	ND
Bromodichloromethane	mg/kg	1	ND
cis-1,3-Dichloropropene (Z)/trans-1,3-Dichloropropene (E)	mg/kg	-	ND
1,1,2-Trichloroethane	mg/kg	1	ND
Tetrachloroethylene	mg/kg	1	ND
1,3-Dichloropropane	mg/kg	1	ND
Dibromochloromethane	mg/kg	1	ND
MonoChlorobenzene	mg/kg	1	ND
1,1,1,2-Tetrachloroethane	mg/kg	1	ND
1,1,2,2-Tetrachloroethane	mg/kg	1	ND
1,2,3-Trichloropropane	mg/kg	1	ND

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Test Item(s)	Unit(s)	MDL	A3
2-Chlorotoluene	mg/kg	1	ND
4-Chlorotoluene	mg/kg	1	ND
1,3-Dichlorobenzene	mg/kg	1	ND
1,4-Dichlorobenzene	mg/kg	1	ND
1,2-Dichlorobenzene	mg/kg	1	ND
1,2-Dibromo-3-chloropropane	mg/kg	1	ND
Hexachlorobutadiene	mg/kg	1	ND
1,2,4-Trichlorobenzene	mg/kg	1	ND
1,2,3-Trichlorobenzene	mg/kg	1	ND
Bis(2-methoxyethyl)ether	mg/kg	1	ND
Dibromomethane	mg/kg	1	ND
Toluene	mg/kg	1	ND
1,2-Dibromoethane	mg/kg	1	ND
Ethylbenzene	mg/kg	1	ND
m-Xylene/p-Xylene	mg/kg	2	ND
o-Xylene	mg/kg	1	ND
Styrene	mg/kg	1	ND
Bromoform	mg/kg	1	ND
Isopropylbenzene	mg/kg	1	ND
Bromobenzene	mg/kg	1	ND
n-propylbenzene	mg/kg	1	ND
1,3,5-Trimethylbenzene	mg/kg	1	ND
tert-Butylbenzene	mg/kg	1	ND
1,2,4-Trimethylbenzene	mg/kg	1	ND
sec-Butylbenzene	mg/kg	1	ND
p-Isopropyltoluene	mg/kg	1	ND
n-Butylbenzene	mg/kg	1	ND
Naphalene	mg/kg	1	ND
Cyclohexanone	mg/kg	1	ND
Nitrobenzene	mg/kg	1	ND
Isophorone	mg/kg	1	ND
Phenol	mg/kg	1	ND
Ethylacetate	mg/kg	1	ND
n-butanol	mg/kg	1	ND
MIBK / Methyl isobutyl ketone	mg/kg	1	ND
n-butylacetate	mg/kg	1	ND
Acetophenone	mg/kg	1	ND
MEK / Methyl ethyl ketone	mg/kg	1	ND
2-methoxyethyl acetate	mg/kg	1	ND

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (*w*=0) stated in ILAC-G8:09/2019.

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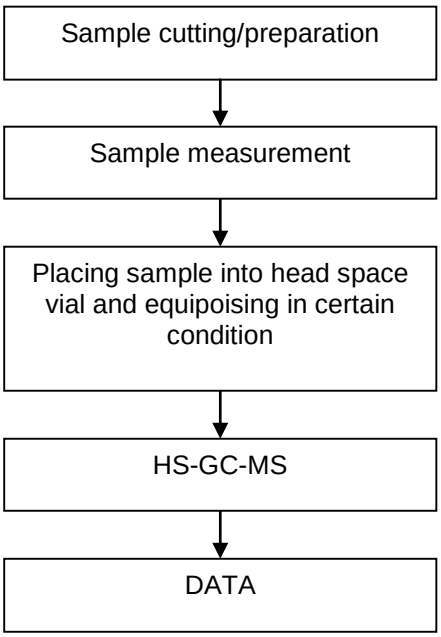
ATTACHMENTS

VOC Testing Flow Chart



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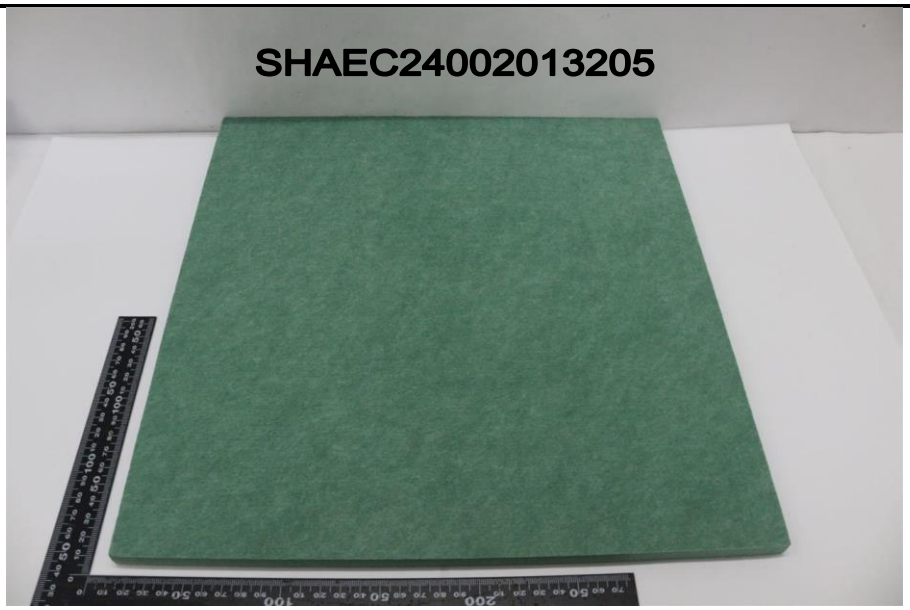

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