

GANZHOU SENTAI BAMBOO&WOOD CO.,LTD
 JINGYI RD, NORTH INDUSTRY ZONE, HUANGBU, SHANGYOU, GANZHOU, JIANGXI, CHINA

Sample Description : BAMBOO BOARD
 Buyer : GREENINGTON.LLC
 Manufacturer : GANZHOU SENTAI BAMBOO&WOOD CO.,LTD
 Supplier : GANZHOU SENTAI BAMBOO&WOOD CO.,LTD
 Country of Origin : CHINA
 Country of Destination : UNITED STATES

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

SGS Ref No. : CAN22-056142
 Sample Receiving Date : Mar 25, 2022
 Test Performing Date : Apr 02, 2022 to May 12, 2022
 Test Performed : Selected test(s) as requested by applicant

Test Result Summary

No.	Test(s) Requested	Result(s)	Comments
1	VOC	See Results	/

For further details, please refer to the following page(s)

Signed for and on behalf of
 SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch



Peter Zhao
 Authorized Signatory



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Test Result(s) :

Test Part Description :

SGS Sample ID	Description
CAN22-056142.001	Brown/dark brown surfaced bamboo

Remarks :

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

VOC

Test Method : With reference to ISO 16000-9:2006 / COR1-2007 &ISO 16000-6:2011 & ISO16000-3:2011.
 Testing was performed by Environmental Chamber, followed by sampling using Tenax-TA and DNPH tube, analysis using Thermodesorption System with Gas Chromatography Mass Spectrometry (TDS-GC/MS) and High Performance Liquid Chromatography-DAD (HPLC-DAD).

<u>Test Item(s)</u>	<u>Unit</u>	<u>001</u>
Gas trapping analysis condition		
Chamber Volume	m ³	0.06
Storage condition (Temperature)	°C	23.1
Storage condition (Humidity)	%	50.2
Air Exchange Rate	1/h	0.5
Sample loading	m ² /m ³	0.4
Tenax Sampling Flow	mL/min	200
Tenax Sampling Time	minutes	25
Tenax Sampling Volume	L	5
DNPH Sampling Flow	mL/min	300
DNPH Sampling Time	minutes	60
DNPH Sampling Volume	L	18
MDL	µg/m ³	2.0



SGS-CSTC Shunde Branch Technical Services Co., Ltd.
 Shunde Branch Harbin

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<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>001</u> 28th day
Aromatic Hydrocarbons			
Benzene	71-43-2	µg/m ³	ND
Toluene	108-88-3	µg/m ³	2.9
Ethylbenzene	100-41-4	µg/m ³	6.9
m/p-Xylene	108-38-3/106-42-3	µg/m ³	28.3
o-Xylene	95-47-6	µg/m ³	19.2
n-Propylbenzene	103-65-1	µg/m ³	ND
1,2,4-Trimethylbenzene	95-63-6	µg/m ³	ND
1,3,5-Trimethylbenzene	108-67-8	µg/m ³	ND
2-Ethyltoluene	611-14-3	µg/m ³	ND
Styrene	100-42-5	µg/m ³	ND
Naphthalene	91-20-3	µg/m ³	ND
4-Phenylcyclohexene	4994-16-5	µg/m ³	ND
Aliphatic Hydrocarbons			
Hexane	110-54-3	µg/m ³	ND
Heptane	142-82-5	µg/m ³	ND
Octane	111-65-9	µg/m ³	ND
Nonane	111-84-2	µg/m ³	ND
Decane	124-18-5	µg/m ³	ND
Undecane	1120-21-4	µg/m ³	ND
Dodecane	112-40-3	µg/m ³	ND
Tridecane	629-50-5	µg/m ³	ND
Tetradecane	629-59-4	µg/m ³	ND
Pentadecane	629-62-9	µg/m ³	ND
Hexadecane	544-76-3	µg/m ³	ND
2-Methylpentane	107-83-5	µg/m ³	ND
3-Methylpentane	96-14-0	µg/m ³	ND
1-Octene	111-66-0	µg/m ³	ND
1-Decene	872-05-9	µg/m ³	ND
Cycloalkanes			
Methylcyclopentane	96-37-3	µg/m ³	ND
Cyclohexane	110-82-7	µg/m ³	ND
Methylcyclohexane	108-87-2	µg/m ³	ND
Terpenes			
3-Carene	13466-78-9	µg/m ³	ND
a-Pinene	80-56-8	µg/m ³	ND



b-Pinene	18172-67-3	µg/m ³	ND
Limonene	138-86-3	µg/m ³	ND
Alcohols			
2-Propanol	67-63-0	µg/m ³	ND
1-Butanol	71-36-3	µg/m ³	ND
2-Ethyl-1-hexanol	104-76-7	µg/m ³	ND
Phenol	108-95-2	µg/m ³	ND
Glycols/Glycol Ethers			
2-Methoxyethanol	109-86-4	µg/m ³	ND
2-Ethoxyethanol	110-80-5	µg/m ³	ND
2-Butoxyethanol	111-76-2	µg/m ³	18.7
1-methoxy-2-propanol	107-98-2	µg/m ³	ND
2-Butoxyethoxyethanol	112-34-5	µg/m ³	ND
Aldehydes			
Butanal	123-72-8	µg/m ³	ND
Pentanal	110-62-3	µg/m ³	ND
Hexanal	66-25-1	µg/m ³	ND
Nonanal	124-19-6	µg/m ³	ND
Benzaldehyde	100-52-7	µg/m ³	ND
Ketones			
2-Butanone	78-93-3	µg/m ³	ND
Methylisobutylketone	108-10-1	µg/m ³	ND
Cyclohexanone	108-94-1	µg/m ³	23.2
Acetophenone	98-86-2	µg/m ³	ND
Halocarbons			
Trichloroethene	79-1-6	µg/m ³	ND
Tetrachloroethylene	127-18-4	µg/m ³	ND
1,1,1-Trichloroethane	71-55-6	µg/m ³	ND
1,4-Dichlorobenzene	106-46-7	µg/m ³	ND
Epichlorohydrin	106-89-8	µg/m ³	ND
Methylene-chloride	75-09-2	µg/m ³	ND
Chloroform	67-66-3	µg/m ³	ND
Chlorobenzene	108-90-7	µg/m ³	ND
Acids			
Hexanoic-acid	142-62-1	µg/m ³	ND
Esters			
Ethyl-acetate	141-78-6	µg/m ³	ND
Butyl-acetate	123-86-4	µg/m ³	10.2
Isopropyl-acetate	108-21-4	µg/m ³	3.4



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2-Methoxyethylacetate	110-49-6	µg/m ³	ND
2-Ethoxyethylacetate	111-15-9	µg/m ³	ND
TXIB	6846-50-0	µg/m ³	ND
Vinyl-acetate	108-05-4	µg/m ³	ND
Others			
2-Pentylfuran	3777-69-3	µg/m ³	ND
Tetrahydrofuran	109-99-9	µg/m ³	ND
1,4-Dioxane	123-91-1	µg/m ³	ND
N,N-Dimethylformamide	68-12-2	µg/m ³	ND
1-methyl-2-pyrrolidinone	872-50-4	µg/m ³	ND
TVOC		µg/m ³	157.5

<u>Test Item(s)</u>	<u>CAS NO.</u>	<u>Unit</u>	<u>001</u>
		-	28th day
Carbonyl compounds			
Formaldehyde	50-00-0	µg/m ³	2.5
Acetaldehyde	75-07-0	µg/m ³	3.6

Notes :

- µ g/(m² · h) = micrograms per square metre and hour
- µ g/m³ = micrograms per cubic metre
- mg/m³ = milligrams per cubic metre

Photo Appendix:



Remark: This test was subcontracted to SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch.

End of Report



SGS-CSTC Standards Technical Services Co., Ltd.
Shunde Branch Harbin

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