



Test Report

No.: GZHL2311038993OT

Date: Nov 23, 2023

Page 1 of 3

SUNON TECHNOLOGY CO.,LTD
BUILDING 6,NO.1666,ZHIXING ROAD, QIAONAN BLOCK,XIAOSHAN ECONOMIC & TECHNOLOGICAL
DEVELOPMENT ZONE,XIAOSHAN ZONE HANGZHOU, ZHEJIANG, CHINA

Sample Description : KING SINGLE MATTRESS
Style / Item No. : SC-21PB-10
P.O. / Ref. No. : SQ202311058
Buyer : SCAPE AUSTRALIA
Manufacturer : SUNON TECHNOLOGY CO., LTD
Supplier : SUNON TECHNOLOGY CO., LTD

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. : AJHL2311004182OT, CAN23-0134081
Sample Receiving Date : Nov 07, 2023
Test Performing Date : Nov 07, 2023 to Nov 23, 2023
Test Performed : Selected test(s) as requested by applicant
Test Result(s) :

	Test Requirement	Conclusion
1	Client's requirement - VOCs & Carbonyl Compounds	Pass

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

Joan Huang



Joan Huang
Authorized Signatory



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Harbin

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgs.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

Test Report

No.: GZHL2311038993OT

Date: Nov 23, 2023

Page 2 of 3

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN23-0134081-0001.C001	"King single Mattress"

Remarks:

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

VOCs & Carbonyl Compounds

Test Method: With reference to ASTM D5116-17.

Testing was performed by Environmental Chamber (5m³), 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).

Test Item(s)	CAS No.	Limit	Unit(s)	A1
Chamber Analysis Condition				
Chamber Volume	-	-	m ³	5.00
Testing Temperature	-	-	°C	23.2
Testing Humidity	-	-	%	50.6
Air Exchange Rate	-	-	/h	0.5
Sample loading	-	-	m ² /m ³	0.414
Tenax Sampling Flow	-	-	mL/min	200
Tenax Sampling Time	-	-	minute(s)	25
Tenax Sampling Volume	-	-	L	5
DNPH Sampling Flow	-	-	mL/min	1000
DNPH Sampling Time	-	-	minute(s)	60
DNPH Sampling Volume	-	-	L	60
MDL_1	-	-	µg/m ³	2.0
Test Period Time	-	-	day	7
VOCs				
Benzene	71-43-2	-	µg/m ³	ND
Toluene	108-88-3	-	µg/m ³	ND
Ethylbenzene	100-41-4	-	µg/m ³	ND
m,p-Xylene	106-42-3 /108-38-3	-	µg/m ³	ND
o-Xylene	95-47-6	-	µg/m ³	ND
Styrene	100-42-5	-	µg/m ³	ND
Total Volatile Organic Compounds(TVOC)	-	220	µg/m ³	74.8
Carbonyl Compounds				
Formaldehyde	50-00-0	16.5	µg/m ³	ND
Acetaldehyde	75-07-0	-	µg/m ³	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

SGS-CSI Technical Services Co., Ltd.
Guangzhou Branch Testing Center

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com

Notes:

- (1) The maximum permissible limit is quoted from client's requirement.

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.

Sample Photo:



Product Photo

End of Report



SGS-CSI Standards Technical Services Co., Ltd.
Guangzhou Branch Testing & Inspection Services

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn
t (86-20) 82155555 sgs.china@sgs.com