

**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

: SCAPE AUSTRALIA Buyer

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)

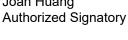
	Test Requirement	Conclusion
1	Client's requirement - VOCs & Carbonyl Compounds	Pass

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

Joan Huang



Joan Huang





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# 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 (5m<sup>3</sup>), 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.	<u>Limit</u>	Unit(s)	A1		
Chamber Analysis Condition						
Chamber Volume	-	-	m³	5.00		
Testing Temperature	-	-	°C	23.2		
Testing Humidity	-	-	%	50.6		
Air Exchange Rate	-	-	/h	0.5		
Sample loading	-	-	m²/m³	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/m³	2.0		
Test Period Time	-	-	day	7		
VOCs						
Benzene	71-43-2	-	μg/m³	ND		
Toluene	108-88-3	-	μg/m³	ND		
Ethylbenzene	100-41-4	-	μg/m³	ND		
m,p-Xylene	106-42-3 /108-38-3	-	μg/m³	ND		
o-Xylene	95-47-6	-	μg/m³	ND		
Styrene	100-42-5	-	μg/m³	ND		
Total Volatile Organic		220	μg/m³	74.8		
Compounds(TVOC)	-	220	μθ/ιιι	14.0		
Carbonyl Compounds						
Formaldehyde	50-00-0	16.5	μg/m³	ND		
Acetaldehyde	75-07-0	-	μg/m³	ND		



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### 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\*\*\*



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