

Test Report

No.: CZXHL25000855501

Date: Jun 13, 2025

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Client Name: VERDIGRASS, INC

Client Address: 909 WEDDELL COURT SUNNYVALE, CA 94089, USA

Sample Description: ARTIFICIAL GRASS

Buyer: VERDIGRASS, INC

Client Ref. Information: SPRING 86 SPRING 91 SPRING 94UF SPRING 94 SPRING 105UF SPRING 105 LUSH 80 LUSH 90UF LUSH 110 LUSH 110UF OASIS 106UF OASIS 75UF OASIS 100UF NATURAL 105UF NATURAL 90 CHAMP 81 CHAMP 80

Origin of the Product(s): CHINA

Destination of the Product(s): THE UNITED STATES

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

SGS No.: CZHL2504004275SD

Sample Receiving Date: Apr 29, 2025

Testing Period: Apr 29, 2025 ~ Jun 13, 2025

Test Requested: Select test(s) as requested by the client.

Testing Performed: Follow selected test(s) as requested by client.

	Test Requirement	Conclusion
1	VOCs	See Results

Signed for and behalf of

SGS-CSTC Standards Technical Services (Changzhou) Co., Ltd

Test address: 6F, Building 30, Heimudan Science Park, Tianning District, Changzhou, Jiangsu, China

Joy Huan

Joy Huan

Approved Signatory

Scan to see the report



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Verification:
check.sgsnline.com.cn



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CZX25-0008555-0001.C001	Green artificial grass

Remarks:

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

VOCs

Test Method: With reference to ISO 16000-9:2024 & ISO 16000-6:2021 & ISO 16000-3:2022.
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).

Test Item(s)	CAS No.	Unit(s)	A1
Chamber Analysis Condition			
Chamber Volume	-	m ³	0.06
Storage condition (Temperature)	-	°C	23.0
Storage condition (Humidity)	-	%	50.0
Air Exchange Rate	-	/h	1.0
Sample loading	-	m ² /m ³	1.000
Tenax Sampling Flow	-	mL/min	200
Tenax Sampling Time	-	minute(s)	25
Tenax Sampling Volume	-	L	5
DNPH Sampling Flow	-	mL/min	300
DNPH Sampling Time	-	minute(s)	60
DNPH Sampling Volume	-	L	18
MDL 1	-	mg/m ³	0.002
Test Time	-	-	28
Aromatic Hydrocarbons			
Benzene	71-43-2	mg/m ³	ND
Toluene	108-88-3	mg/m ³	0.001
m,p-Xylene	106-42-3 /108-38-3	mg/m ³	ND
o-Xylene	95-47-6	mg/m ³	0.002
Others			
Total Volatile Organic Compounds(TVOC)	-	mg/m ³	0.086
Aldehyde & Ketone			
Formaldehyde	50-00-0	mg/m ³	ND
Acetaldehyde	75-07-0	mg/m ³	ND

Notes:

1. mg/m³ = milligram per cubic metre



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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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Central Chemicals Laboratory

Building 30 and Building 18, Heimudan Science Park, Tanning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgsgroup.com.cn
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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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Central Chemicals Technical Services (Changzhou) Co., Ltd.

Building 30 and Building 18, Heimudan Science Park, Tanning District, Changzhou, Jiangsu, China 213017 t E&E (86-519) 85586531 t HL (86-519) 85587753 www.sgs.com.cn
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