



UNIVERSITY OF
GEORGIA

Center for Applied Isotope Studies
120 Riverbend Road
Athens, Georgia 30602
TEL 706-542-1395 | FAX 706-542-6106
biobase@uga.edu
www.cais.uga.edu

Certificate of Analysis

April 7, 2025

Owen Lasko
Designtex
200 Hudson St 9th Floor
New York, NY 10013

Listed below are the results for the ASTM method D6866-24 Radiocarbon (^{14}C) determination with the stable carbon isotope ratio ($\delta^{13}\text{C}$) analyses and their correction for the following sample received by our laboratory on 3/17/2025 and completed on 4/7/2025.

Sample ID/USDA#	^{14}C (Meas.) (pMC)	SD	$\delta^{13}\text{C}$ (‰ VPDB)	^{14}C (Corr.) (pMC)	% Biobase Carbon	SD
Clerkenwell- 3562, USDA# 15196/ 7304	100.06	0.34	-24.34	99.93	100	1
Heather-3473, USDA# 14981/ 14981	70.30	0.26	-23.89	70.14	71	1
Bixby Macro, USDA# 15193/ 15193	71.14	0.26	-23.77	70.97	71	1
Large Scale Geometric- 3893, USDA# 15194/ 15194	57.93	0.24	-26.73	58.13	58	1
Burrard- 3890, USDA# 14986/ 14986	39.34	0.19	-27.44	39.53	40	1
FOMO- 3931, USDA# 15013/ 15013	27.57	0.16	-28.11	27.74	28	1
Measure- 3794, USDA# 14987/ 14987	24.52	0.13	-27.07	24.62	25	1
Felt 2mm- AM001, USDA# 15014/ 15014	100.29	0.35	-25.01	100.29	100	1
Woven texture- 3853, USDA# 15015/ 15015	98.72	0.35	-22.24	98.18	99	1
Holmes- 3624, USDA# 15016/ 15016	74.80	0.28	-26.77	75.06	76	1
Lambert- 3623, USDA# 15195/ 15195	87.58	0.33	-22.86	87.20	88	1
Basket- 8200, USDA# 15197/ 7318	71.83	0.27	-24.33	71.73	72	1

Percent Biobased Carbon is determined from the measured ^{14}C in percent Modern Carbon (pMC) and corrected for isotopic fractionation based on measured $\delta^{13}\text{C}$ value (o/oo V-PDB). The corrected ^{14}C activity in pMC is then divided by the 2025 reference ^{14}C activity of 99.4 pMC, which represents the equivalence to the 1950 ^{14}C reference activity of 13.56 dpm/gC corrected for bomb-produced ^{14}C , and finally multiplied times 100. The % Biobase Carbon and Standard Deviation (SD) are rounded to the nearest integer. Measured ^{14}C is normalized using NIST Standard Reference Material 4990C Oxalic acid.

Authorized by,



Michael C Marshall, PhD
Assistant Research Scientist & Quality Manager
Natural Products and Biobase Testing Laboratory
C.A.I.S. Invoice No.: [NPI250752]
Certificate#: [DESIGNTEX_2_3812]

The University of Georgia Center for Applied Isotope Studies is accredited to ISO/IEC 17025:2017 standard by PJLA, Inc.

The University of Georgia is an Equal Opportunity, Affirmative Action, Veteran, Disability Institution
Page 2 of 2

