



**THE UNIVERSITY
OF ARIZONA**

**UNIVERSITY OF ARIZONA
AMS LABORATORY**

RADIOCARBON ANALYTICAL REPORT

Elistratov, O. (AA110676)

Elistratov, O. (AA110676) – Radiocarbon Analytical Report

Summary Page

The following analytical report contains ^{14}C analysis from the University of Arizona. This report contains:

1. Summary page, includes data qualifiers and non-conformances (page 1)
2. Individual sample report (page 2)

Data Qualifiers: The sample and the details of its origin were provided by the user. This report concerns radiocarbon content only and does not endorse claims of sample origin.

Fraction Modern Carbon and Radiocarbon Age were calculated as weighted averages of combined machine runs to reduce overall error. A small sample correction is applied to samples with a carbon mass less than 0.50 mg.

Non-Conformances: None.

Report generated by: Richard Cruz

Report Generation Date: 12/18/2017

Reviewer: Greg Hodgins

Date: 12/18/2017

Signature:

A handwritten signature in blue ink, appearing to read "Greg Hodgins", is written over a light blue grid background.

Elistratov, O. (AA110676) – Radiocarbon Analytical Report

Data Report (1 of 1)

<i>User Information</i>	<i>Laboratory Information</i>
<u>Submitter</u> : Elistratov, O.	<u>AA-number</u> : AA110676
<u>User ID</u> : organic adhesive	<u>Laboratory number</u> : X32399
<u>Expected age</u> : ~5000 years old or older	<u>Sample type</u> : adhesive
<u>Sample origin</u> : Ojuelos, Jalisco Mexico	<u>Pretreatment</u> : ABA
	<u>Carbon yield</u> : 37.8%
	<u>Carbon mass</u> : 1.41 mg

<i>Results</i>	
$\delta^{13}\text{C}$ ($\pm 0.1\%$, 1σ):	-28.5 ‰
Fraction of modern carbon ($\pm 1\sigma$):	0.3000 \pm 0.0011
Uncalibrated ^{14}C Age ($\pm 1\sigma$):	9671 \pm 30 ^{14}C years BP
Calibration Program / Dataset:	OxCal 4.2 / IntCal13 atmospheric
Calendar Age Range (68%):	9232 calBC to 9146 calBC
Calendar Age Range (95%):	9249 calBC to 8922 calBC

