



**THE UNIVERSITY
OF ARIZONA**

**UNIVERSITY OF ARIZONA
AMS LABORATORY**

RADIOCARBON ANALYTICAL REPORT

Elistratov, O. (AA107679)

Elistratov, O. (AA107679) – Radiocarbon Analytical Report

Summary Page

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

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

Data Qualifiers: 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.

The ill-defined nature of the measured material means the date should be viewed with caution. An organic residue cannot be chemically cleaned as vigorously as morphologically identifiable materials such as charcoal, wood, or bone samples and so the possibility exists that the sample was a mixture of organic molecules of different ages.

Non-Conformances: None.

Report generated by: Richard Cruz

Report Generation Date: 5/25/2016

Reviewer: Greg Hodgins

Date: 5/25/2016

Signature:

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

Elistratov, O. (AA107679) – 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> : AA107679
<u>User ID</u> : 1	<u>Laboratory number</u> : X30177
<u>Expected age</u> : ~ 5000 years old or more	<u>Sample type</u> : organic adhesive
<u>Sample origin</u> : Ojuelos, Jalisco, Mexico	<u>Pretreatment</u> : Acid only
	<u>Carbon mass</u> : 1.13 mg

Results	
$\delta^{13}\text{C}$ ($\pm 0.1\text{‰}$):	-29.2 ‰
Fraction of modern carbon:	0.3529 \pm 0.0013
Uncalibrated ^{14}C Age:	8,367 \pm 30 years BP
Calibration Program / Dataset:	OxCal 4.2 / IntCal13 atmospheric
Calendar Age Range (68%):	7513 BC to 7372 BC
Calendar Age Range (95%):	7521 BC to 7354 BC

