THE UNIVERSITY OF ARIZONA

UNIVERSITY OF ARIZONA
AMS LABORATORY

RADIOCARBON ANALYTICAL REPORT

Elistratov, O. (AA111236)

Order #2124

Elistratov, O. (AA111236) – Radiocarbon Analytical Report

Summary Page

The following analytical report contains 14C 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:

Radiocarbon limit is reached for this sample.

Report generated by: Richard Cruz

Report Generation Date: 5/15/2018

Reviewer: Greg Hodgins

Date: 5/15/2018

Signature:

Elistratov, O. (AA111236) – Radiocarbon Analytical Report

Data Report (1 of 1)

User Information	***Laboratory Information***
Submitter: Elistratov, O. User ID: organic adhesive Expected age: 1500 - 2000 years old Sample origin: Mexico, Guerrero	AA-number: AA111236 Laboratory number: X32921 Sample type: organic adhesive Pretreatment: ABA Carbon yield: 51% Carbon mass: 1.96 mg

Results	
$\delta^{13}C$ (± 0.1‰, 1σ):	-29.7 ‰
Fraction of modern carbon (±1σ):	<0.0020
Uncalibrated ^{14}C Age (±1σ):	>49,900 *14C years BP*
Calibration Program / Dataset:	NA
Calendar Age Range (68%):	NA
Calendar Age Range (95%):	NA

"Radiocarbon limit reached."