



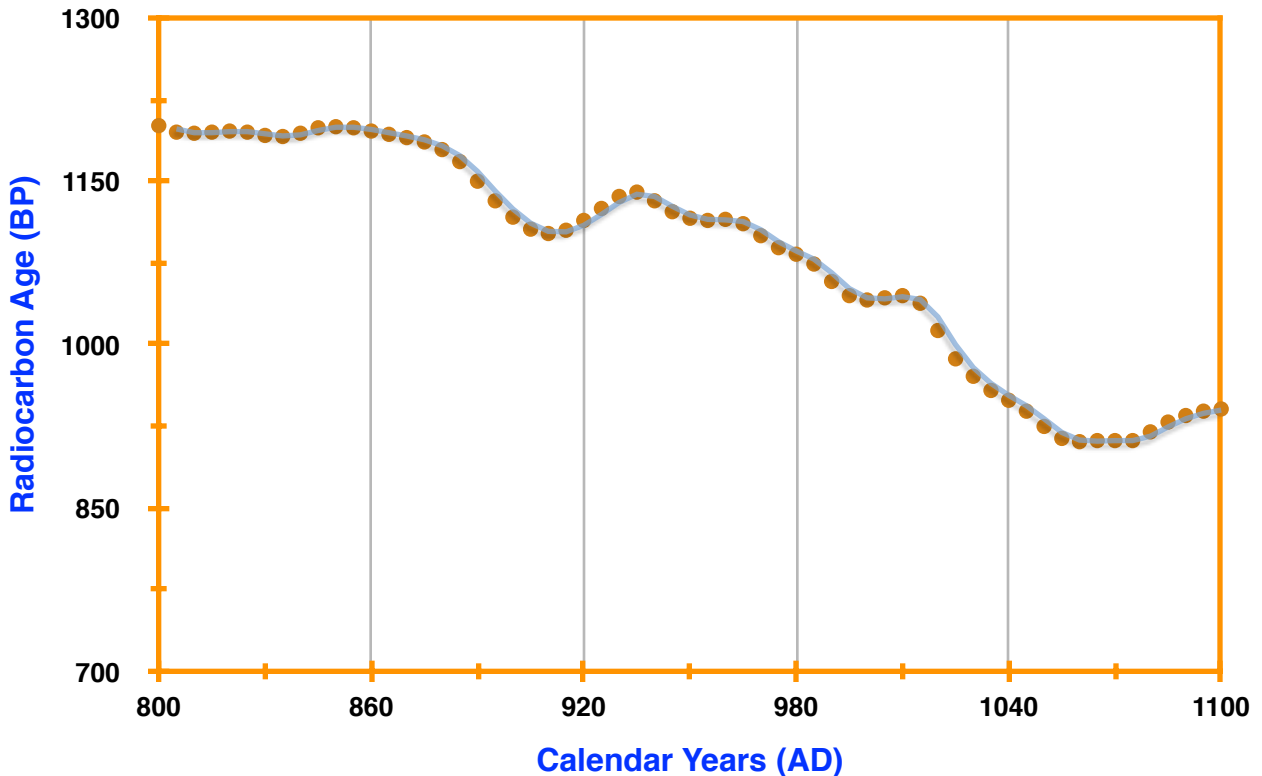
International Chemical Analysis Inc.
1951 NW 7th Ave
STE 300
Miami, FL U.S.A 33136

Sample Report

Submitter Name: Petro Pesonen
Company Name: National Board of Antiquities
Address: P.B 913, 00101 Helsinki, Finland

Date Received	July 24th, 2014	Material Type	Bone
Date Reported	August 21st, 2014	Pre-treatment	Col-AAA
ICA ID	14B/0736	C13/C12	-21.3 o/oo
Submitter ID	RAASEPORI SAMPLE 1	Conventional Age	1400 +/- 40 BP

Calibrated Age	Cal 570-680 AD
-----------------------	----------------





International Chemical Analysis Inc.
1951 NW 7th Ave
STE 300
Miami, FL U.S.A 33136

QC Report

Submitter Name:

Company Name:

Address:

Date Submitted	July 24th, 2014	Date Reported	August 21st, 2014
QC 1 Sample ID	IAEA C7	QC 2 Sample ID	NIST OXII
QC Expected Value	49.35 +/- 0.50 pMC	QC Expected Value	134.07 +/- 0.50 pMC
QC Measured Value	49.40 +/- 0.25 pMC	QC Measured Value	133.10 +/- 0.40 mPC
Pass?	YES	Pass?	YES

- pMC = Percent Modern Carbon.
- IAEA = International Atomic Energy Agency.

- Calibrated ages are attained using INTCAL13: **IntCal13 and Marine13 Radiocarbon Age Calibration Curves 0–50,000 Years cal BP**. *Paula J Reimer, Edouard Bard, Alex Bayliss, J Warren Beck, Paul G Blackwell, Christopher Bronk Ramsey, Caitlin E Buck, Hai Cheng, R Lawrence Edwards, Michael Friedrich, Pieter M Grootes, Thomas P Guilderson, Hafliði Hafliðason, Irka Hajdas, Christine Hatté, Timothy J Heaton, Dirk L Hoffmann, Alan G Hogg, Konrad A Huguen, K Felix Kaiser, Bernd Kromer, Sturt W Manning, Mu Niu, Ron W Reimer, David A Richards, E Marian Scott, John R Southon, Richard A Staff, Christian S M Turney, Johannes van der Plicht. Radiocarbon 55(4), Pages 1869-1887.*
- Unless otherwise stated, 2 sigma calibration (95% probability) is used.
- Conventional ages are given in BP (BP=Before Present, 1950 AD), and have been corrected for fractionation using the delta C13.