

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12 = -29.1 o/oo : lab. mult = 1)

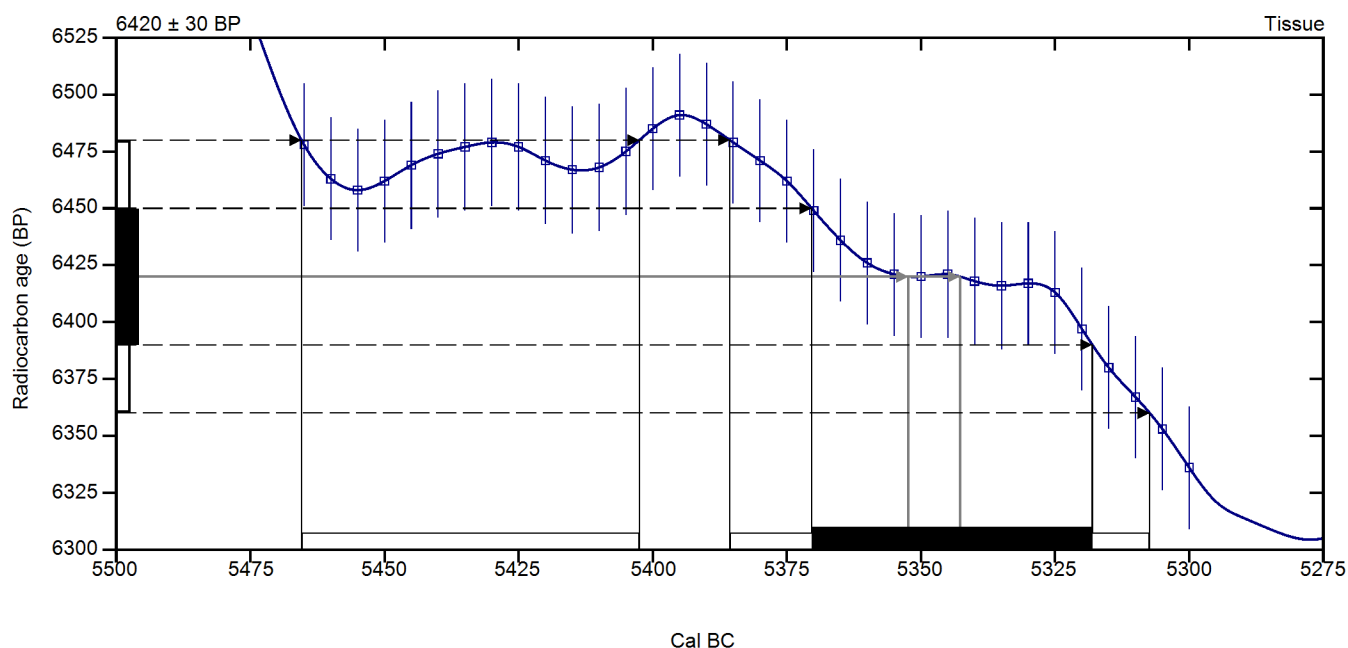
Laboratory number **Beta-464742 : BON**

Conventional radiocarbon age **6420 ± 30 BP**

Calibrated Result (95% Probability) **Cal BC 5465 to 5400 (Cal BP 7415 to 7350)**
Cal BC 5385 to 5305 (Cal BP 7335 to 7255)

Intercept of radiocarbon age with calibration
curve Cal BC 5350 (Cal BP 7300)
Cal BC 5345 (Cal BP 7295)

Calibrated Result (68% Probability) Cal BC 5370 to 5320 (Cal BP 7320 to 7270)



Database used
SHCAL13

References

Mathematics used for calibration scenario

A Simplified Approach to Calibrating C14 Dates, Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2):317-322

References to SHCAL13 database

Hogg AG, Hua Q, Blackwell PG, Niu M, Buck CE, Guilderson TP, Heaton TJ, Palmer JG, Reimer PJ, Reimer RW, Turney CSM, Zimmerman SRH. 2013. SHCal13 Southern Hemisphere calibration, 0–50,000 years cal BP. Radiocarbon 55(4):1889–1903.

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