Chemical treatment of backsawn Tasmanian Oak with Polyethylene Glycol (PEG) prior to drying

By

John Ralph, B.App.Sc.(Sport Science), B.Biomed.Sc.(Hons.)

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DECLARATION

I certify that this thesis contains no material which has been accepted for the award of any other degree or diploma in any Institute, College or University, and that, to the best of my knowledge and belief, it contains no material previously published or written by another person except where due reference is made in the text.

John Ralph

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List of Abbreviations

a_w – Water activity

ERH – Equilibrium relative humidity

IMC – Initial moisture content

IRP – Initial rate of penetration

FRP – Final rate of penetration

MC – Moisture content

NaCl – Sodium chloride

ODW – Oven dry weight

PEG – Polyethylene glycol

RH – Relative humidity

SDS – Sodium dodecyl sulphate

SEM – Standard error of the mean

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