

FTIR spectrum analysis to predict the crystalline and amorphous phases of hydroxyapatite: A comparison of vibrational motion to reflection

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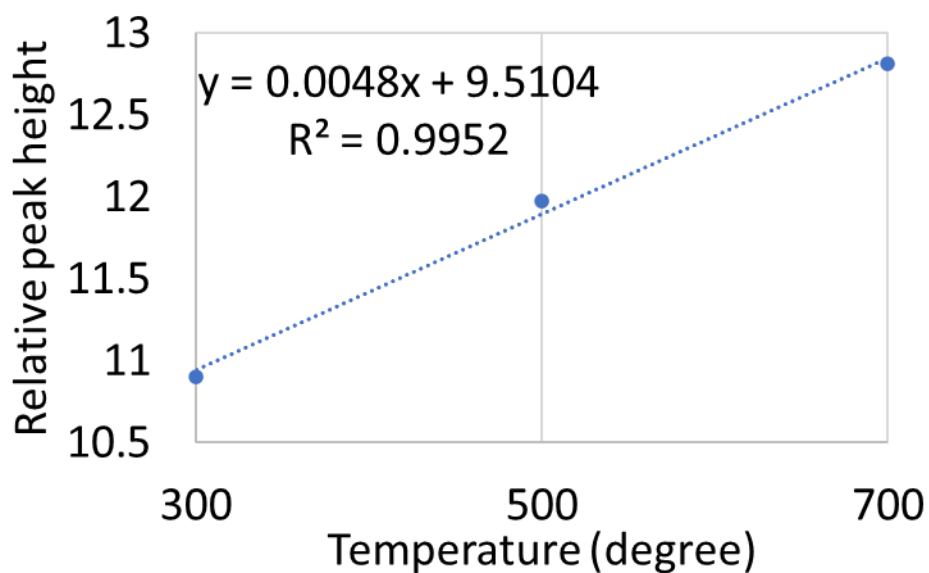


Figure S-1: Relation between temperature and relative peak height within the range of 300-700°C for 563 cm^{-1} wavenumber

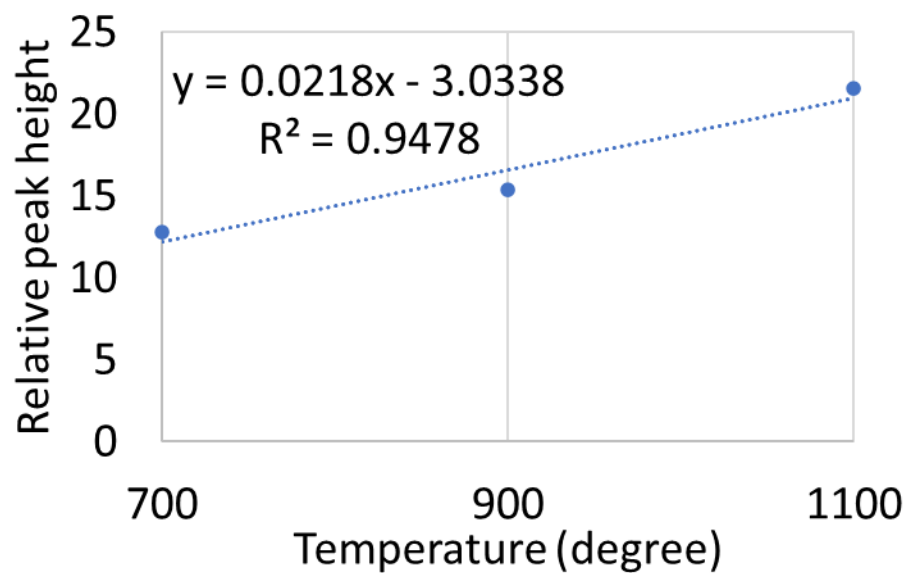


Figure S-2: Relation between temperature and relative peak height within the range of 700-1100°C for 563 cm⁻¹ wavenumber

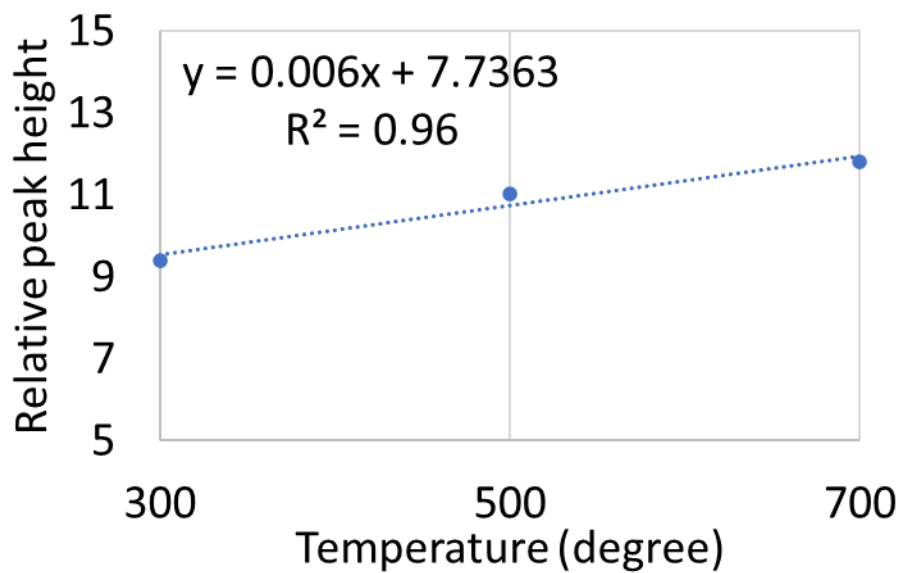


Figure S-3: Relation between temperature and relative peak height within the range of 300-700°C for 599 cm⁻¹ wavenumber

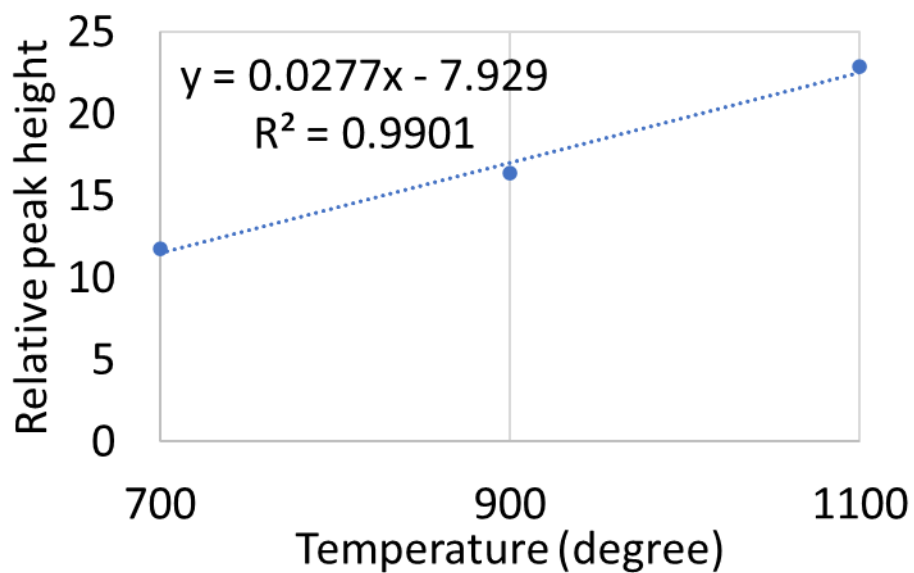


Figure S-4: Relation between temperature and relative peak height within the range of 700-1100°C for 599 cm⁻¹ wavenumber

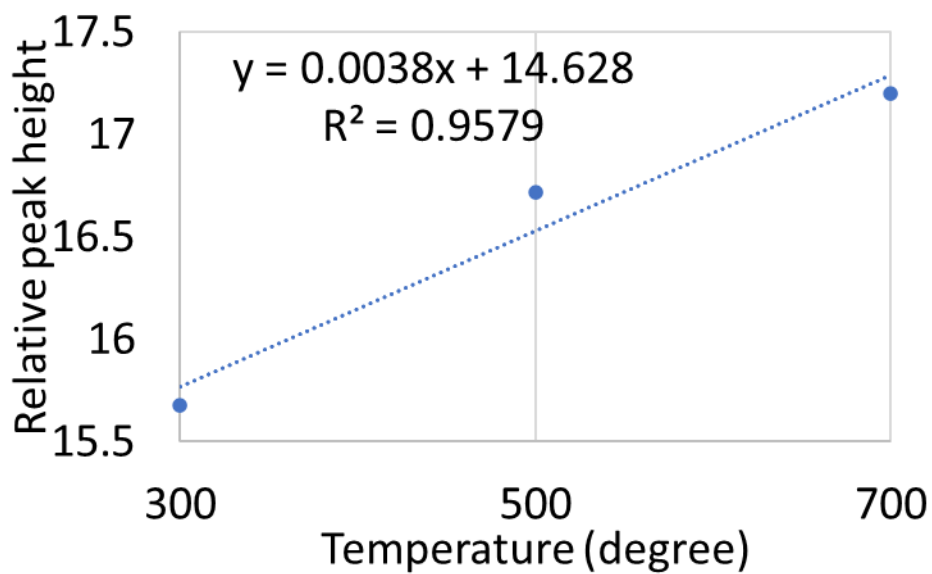


Figure S-5: Relation between temperature and relative peak height within the range of 300-700°C for 962 cm⁻¹ wavenumber

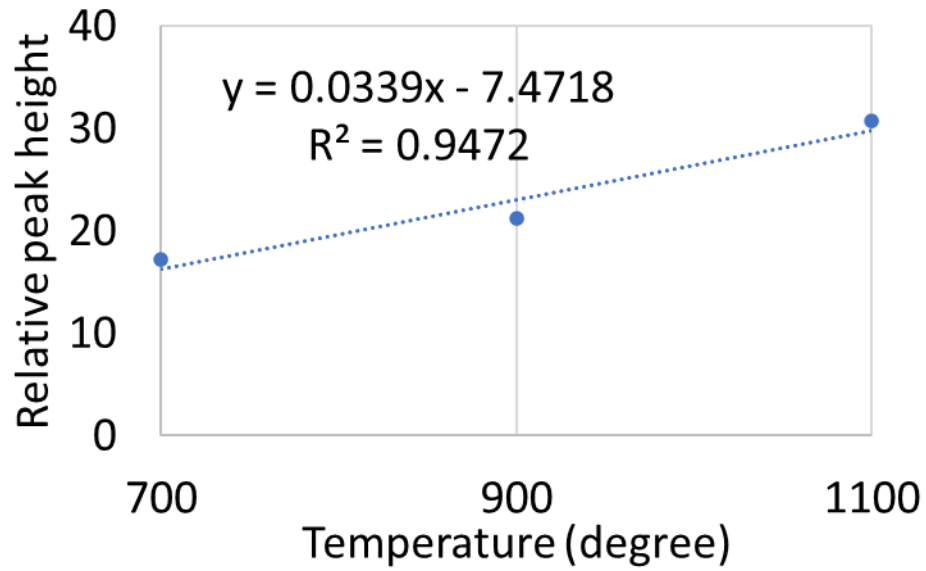


Figure S-6: Relation between temperature and relative peak height within the range of 700-1100°C for 962 cm⁻¹ wavenumber

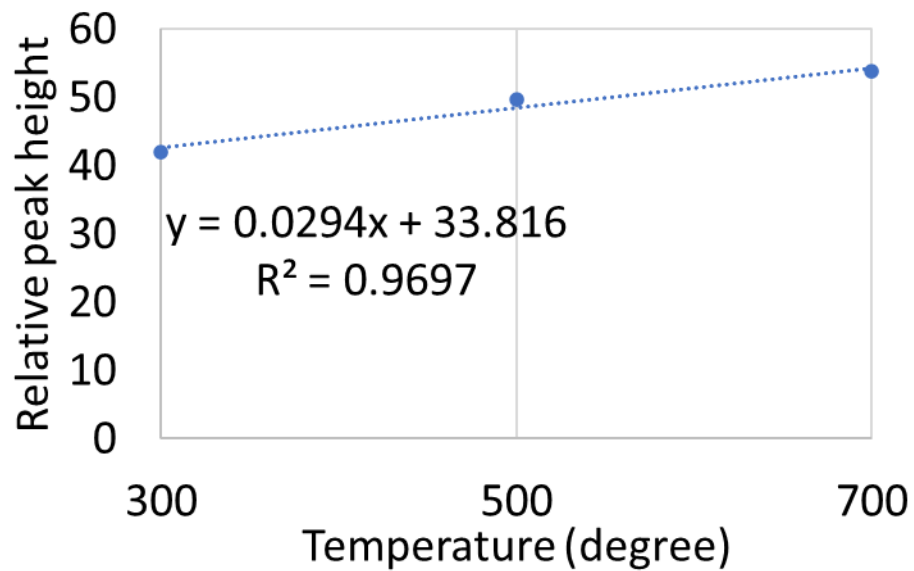


Figure S-7: Relation between temperature and relative peak height within the range of 300-700°C for 1026 cm⁻¹ wavenumber

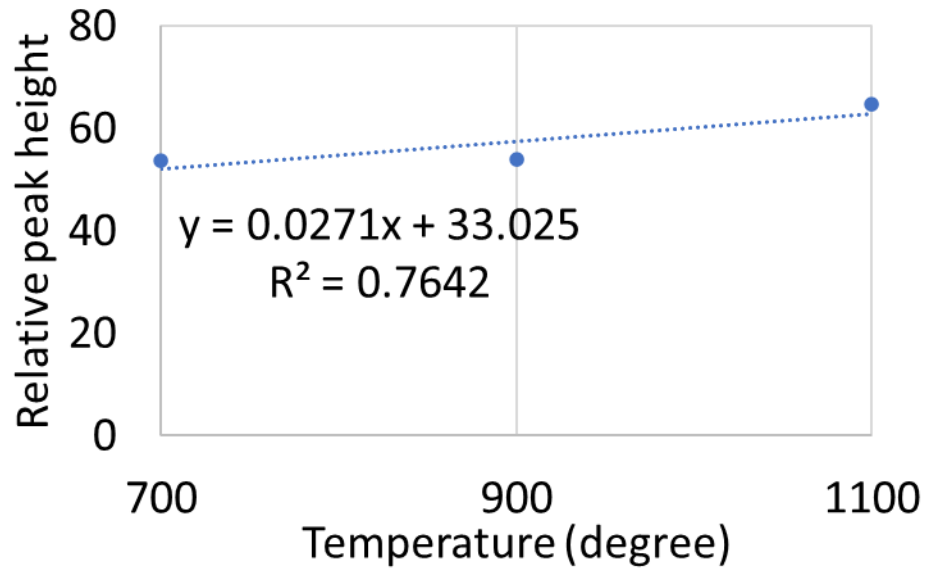


Figure S-8: Relation between temperature and relative peak height within the range of 700-1100°C for 1026 cm^{-1} wavenumber

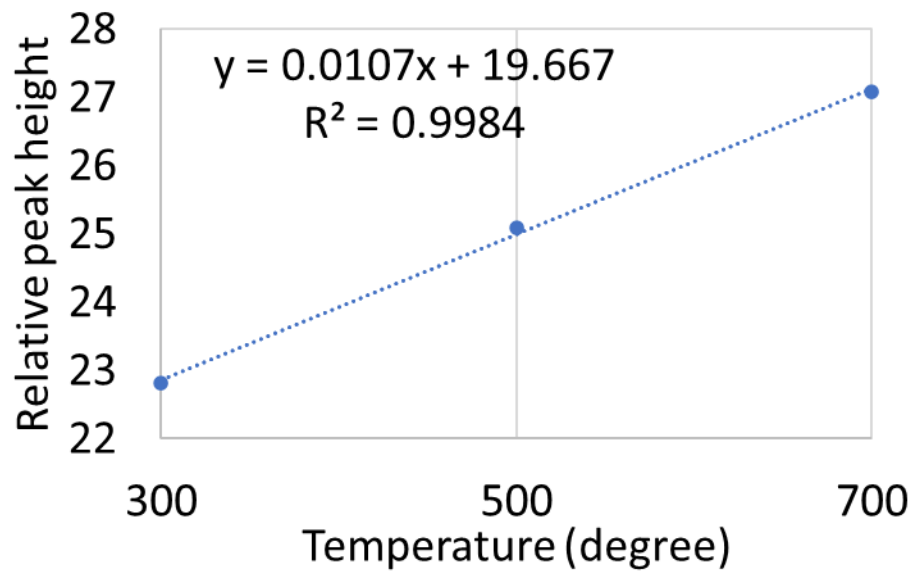


Figure S-9: Relation between temperature and relative peak height within the range of 300-700°C for 1087 cm^{-1} wavenumber

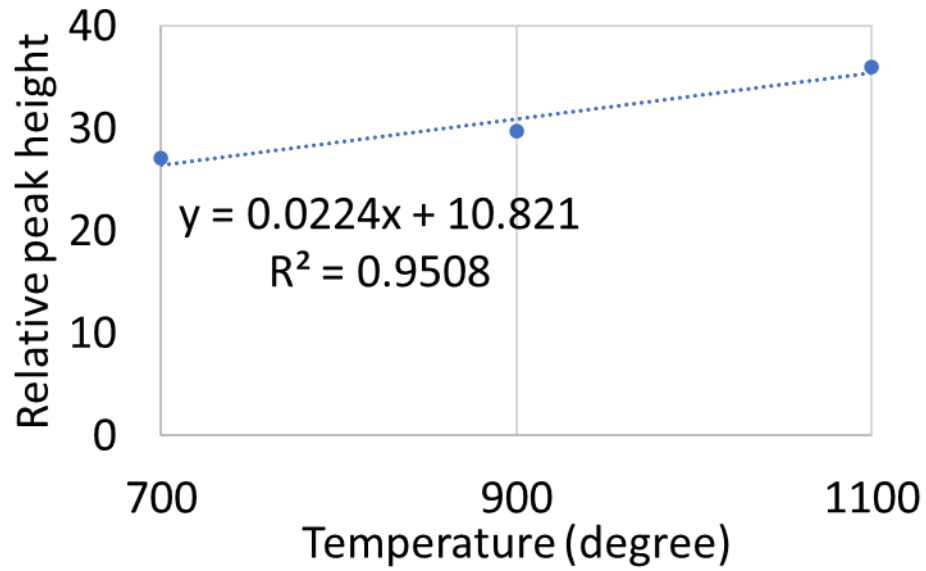


Figure S-10: Relation between temperature and relative peak height within the range of 700-1100°C for 1087 cm^{-1} wavenumber

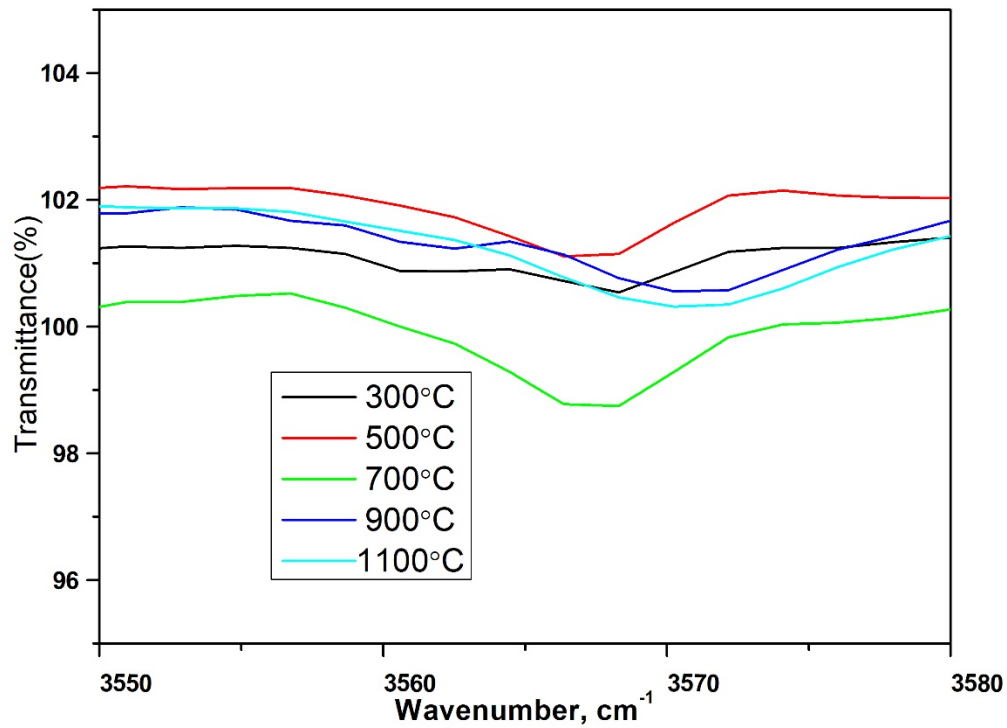


Figure S_11: Relation between temperature and relative peak height within the range of 700-1100°C for 3568 cm^{-1} wavenumber

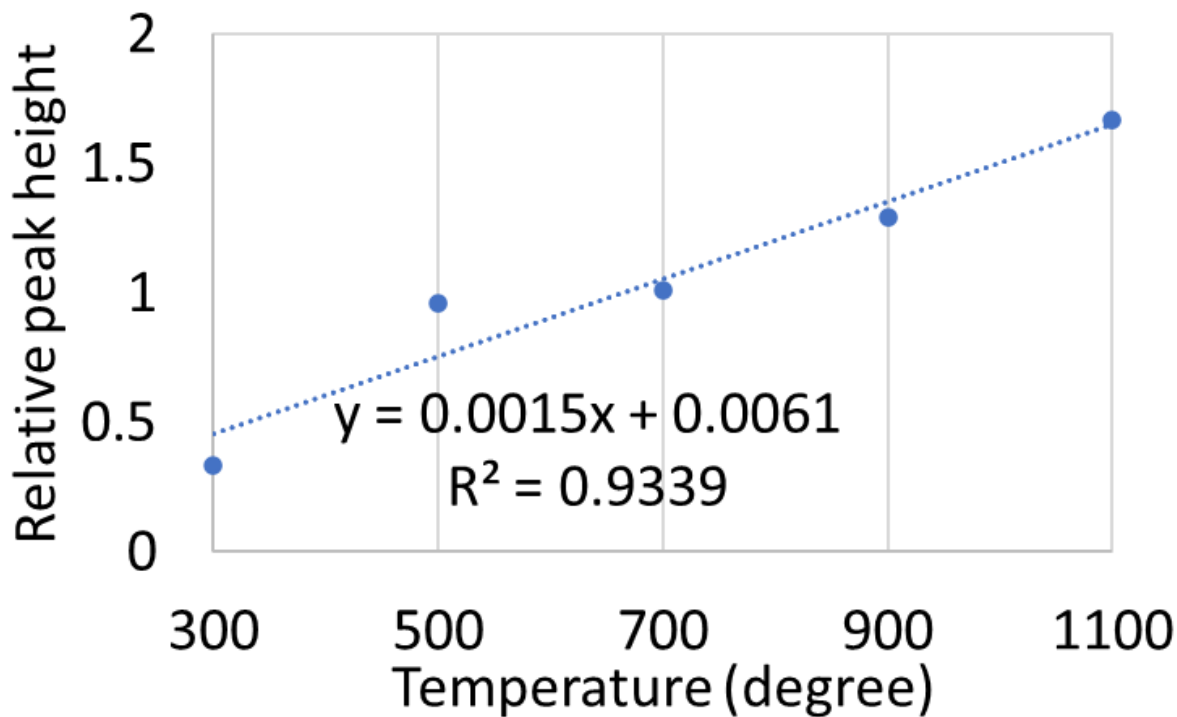


Figure S-12: Relation between temperature and relative peak height within the range of 300-1100°C for 3568 cm⁻¹ wavenumber

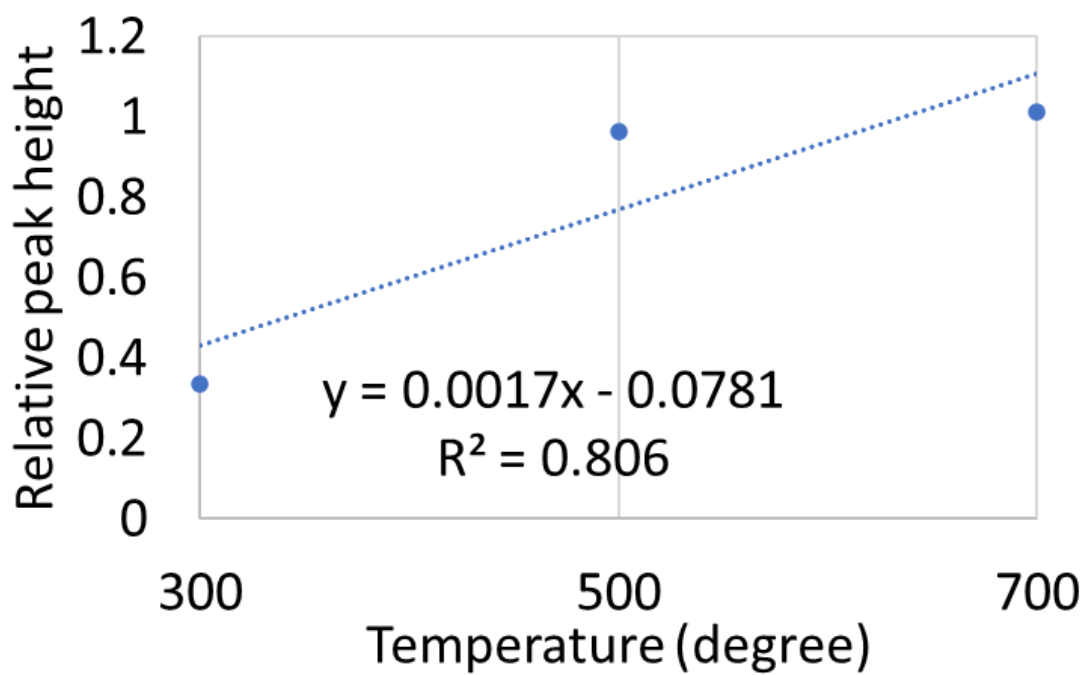


Figure S-13: Relation between temperature and relative peak height within the range of 300-700°C for 3568 cm⁻¹ wavenumber

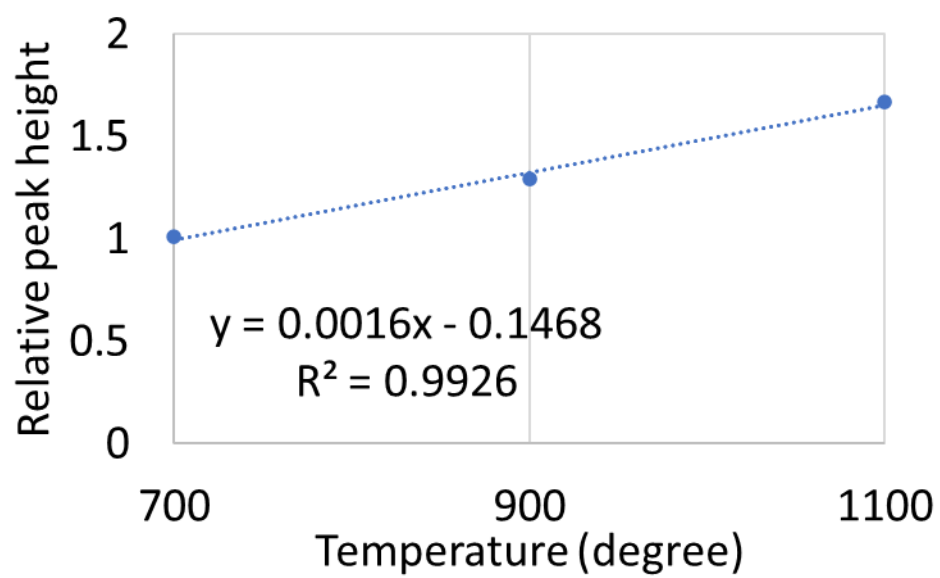


Figure S-14: Relation between temperature and relative peak height within the range of 700-1100°C for 3568 cm⁻¹ wavenumber