

Neiva, 9th May 2018

Mr.
COFFEE SCIENCE Journal

Ref: certificate of translation

I, OTIS ALEXANDER WORTLEY hereby certify that I translated the attached manuscript entitled "ATR-FTIR for differentiation of espresso and *americano* coffee pods" from Spanish into English and that, to the best of my ability, it is a technical, true and correct translation. I further certify that I am competent in both Spanish and English to render and certify such translation.



OTIS ALEXANDER WORTLEY

Passport: 485535705

Sworn to before me this 09 day of MAY 2018

Attached: passport