



INSTITUTO MILITAR DE ENGENHARIA
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DEPARTAMENTO DE QUÍMICA – SE/5



Rio de Janeiro, December 6, 2024

Dear Prof. Jane Murray,
Editor, *Journal of Molecular Modeling (JMM)*,

I would like to submit the revised manuscript entitled “**Density functional theory investigation of green stabilizer reactions: curcumin in nitrocellulose-based propellants**” to the *JMM* as an original research article on behalf of all authors.

We thank the referee for the relevant comments that resulted in an substantially improved paper.

The first two authors in the revised version were included because they carried out the additional calculations required by the referee. The former first author was a M. Sc. student that left the lab and did not participate in the revision.

We are looking forward to hearing from you soon.

Sincerely,

Itamar Borges Jr.