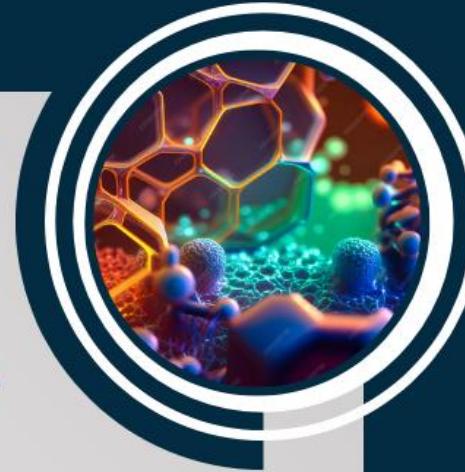




VI INTERNATIONAL WORKSHOP OF
THE GRADUATE PROGRAM ON
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CERTIFICATE

Hereby we certify that the work **Sonication-assisted synthesis and photocatalytic application of $Zn_{1-x-y}Gd_xCu_yO$ in the efficient degradation of furosemide**, submitted by **Ricardo Barbosa de Lucena Júnior, Alessandro dos Santos Lins, Willams Apolo Santos Albuquerque, Luan Vinícius Neves de Souza, Aimée Giovanna Jerônimo de Brito, Ramon Raudel Peña Garcia.** was presented as a Poster Communication by **Ricardo Barbosa de Lucena Júnior** at the VI International Workshop of the Graduate Program on Physics Engineering at UFRPE, hosted in-person, from November 12th to 13th, 2025.

Cabo de Santo Agostinho – PE, 18th of November 2025.



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