**NGHIÊN CỨU TỔNG HỢP NANO BẠC TỪ NITRAT BẠC**

**BẰNG DỊCH CHIẾT LÁ CHÈ TRUỒI**

**Study on the synthesis of silver nanoparticles from silver nitrate by extract from Truoi tea leaf**

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**SUMMARY**

The synthesis of silver nanoparticles and silver nitrate with extracts from Truoi tea leaf (Phu Loc, Thua Thien Hue) dry and fresh were researched. Results showed that Truoi dry tea leaf create nanoscale Ag better and UV-Vis spectrum for wavelengths characterized silver nanoparticles from 400-500nm, TEM shows nano-Ag is a sphere, the size of 9-33nm. Silver nanoparticle solution antibacterial of the microorganisms are Staphylococcus aureus, Escherichia coli, Pseudomonas aeruginosa.

Keywords: Truoi tea leaf, antibacterial, silver nano.