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CERTIFICATE

I hereby declare that the entire work embodied in this thesis has been carried out by Mr. M. Madhu Sekhar under my supervision in the Department of Chemistry, S.V.U. College of Sciences, Sri Venkateswara University, Tirupati, Andhra Pradesh, India and that no part of it has been submitted elsewhere for any degree or diploma.

Place: Tirupati

Date: January, 2017

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