Computational and Experimental Study of the Reaction of Propyl Amine with Chloranil

Dissertation submitted to

Mahatma Gandhi University, Kottayam
In partial fulfillment of the requirements for the award of the degree of
Master of Science in Chemistry



By,

AKHIL.K.S.

Register No.130011007120

Under the Guidance of

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Dr. M. George,

Associate Professor

Department of Chemistry, Sacred Heart College, Thevara, Kochi

September 2015

SACRED HEART COLLEGE

THEVARA



DEPARTMENT OF CHEMISTRY CERTIFICATE

This is to certify that the Project Work Titled "Computational and Experimental Study of the Reaction of Propyl Amine with chloranil" is a bonafide work of AKHIL K S of semester IV, M.Sc. Branch III; carried out in the Department of Chemistry, Sacred Heart College, Thevara during the academic year 2014-15.

Place: Kochi The Head, Dept. of Chemistry

Date: Sacred Heart College, Thevara

CERTIFICATE FROM THE GUIDE

This is to certify that the Project Work Titled "Computational and Experimental Study of the Reaction of Propyl Amine with Chloranil" is a bonafide work of Akhil K S of semester IV, M.Sc. Branch III; carried out under my guidance in the Department of Chemistry, Sacred Heart College, Thevara during the academic year 2014-15.

Place: Thevara Date: Dr. M. George,
Associate Professor,
Department of Chemistry
Sacred Heart College, Thevara

DECLARATION BY THE CANDIDATE

I hereby declare, that the Project Work Titled "Computational and Experimental Study of
the Reaction of Propyl Amine with Chloanil" is a bonafide work carried out by me in the
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