



तेजपुर विश्वविद्यालय
(केंद्रीय विश्वविद्यालय)

नपाम, तेजपुर - 784 028, असम, भारत

TEZPUR UNIVERSITY

(A Central University)

Napaam, Tezpur - 784 028, Assam, India

CERTIFICATE

This is to certify that research work described in the dissertation titled "*Use of black tea polyphenols in determination of trace iron in drinking water by color variation*" submitted to the Department of Chemical Sciences, Tezpur University for the partial fulfillment of M.Sc. Degree, by Debabrata Singha, a 4th semester student associated with the Dept. of Chemical Sciences, Tezpur University (during Jan- May 2012).

The work presented in the dissertation has been carried out under my direct supervision and has not been submitted for any other degree or diploma to this university or any other university/institute.

(Dr. Robin K. Dutta)

Professor

Department of Chemical Sciences
Tezpur University, Napaam-784028

Place: Tezpur University

Date: 7/5/2012



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CERTIFICATE

This is to certify that the project work entitled “**Use of black tea polyphenols in determination of trace iron in drinking water by color variation**” performed by **Debabrata Singha**, in the Department of Chemical Sciences, Tezpur University embodies the original work done by him in the partial fulfillment of the requirements for the award of degree of **Master of Science in Chemical Sciences**. The project meets all the requirements of M.Sc. project.

Further, it is also certify that the project has not been submitted for any purposes elsewhere.

Place:

(Prof. Niranjan Karak)

Date:

Head, department of Chemical Sciences

DECLARATION BY THE CANDIDATE

This is to declare that I have carried out the M.Sc. project entitled “Use of black tea polyphenols in determination of trace iron in drinking water by color variation” under the guidance of **Dr. Robin K. Dutta, Professor** in the Department of Chemical Sciences, Tezpur University for the partial fulfillment of the degree in **Master of Science in Chemical Sciences**. The report embodied accounts for my own findings and have not been submitted previously anywhere for any degree whatsoever by either me or anyone else.

Date: 08/05/12



Debabrata Singha

Acknowledgement

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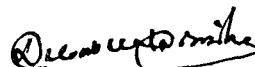
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There is no word to express my sense of appreciation to my family members. Whatever I am and whatever I will be in future is because of their commitments to my ambition and their selfless sacrifice. They have been the utmost source of encouragement for me and I devote this dissertation to them.

Place: Tezpur

Date: 08/05/12


Debabrata Singha