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CERTIFICATE OF THE SUPERVISOR

This is to certify that the thesis entitled “**Biochemical and microbiological characterization of rice beer produced in Assam and therapeutic application of a novel ester synthesized from its components**” submitted to the School of Engineering, Tezpur University in partial fulfilment for the award of the degree of Doctor of Philosophy in the Department of Food Engineering and Technology is a record of research work carried out by Mr. Arup Jyoti Das under my supervision and guidance.

All helps received by him from various sources have been duly acknowledged.

No part of the thesis has been submitted elsewhere for award of any other degree.

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