

## CERTIFICATE

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This is to certify that the work presented in this thesis entitled, “*Growth and Investigation for Crystalline Perfection vis-à-vis Physical Properties of Pure and Doped LiNbO<sub>3</sub>, Benzophenone and ZTS NLO Single Crystals*” is the original contribution of the candidate. This work has been carried out jointly at National Physical Laboratory, New Delhi and Department of Physics and Astrophysics, University of Delhi, Delhi. The work presented in this thesis has not been submitted anywhere for the award of any other Ph.D. degree.



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*DEDICATED TO*  
*MY*  
*BELOVED MOTHER*