

CERTIFICATE

I certify that the thesis entitled **“INVESTIGATION ON THE GROWTH, STRUCTURAL AND OPTICAL PROPERTIES OF PIPERIDINIUM, 2-PHENYLETHYLAMINIUM, p-METHYLANILINIUM, CREATININIUM BASED CRYSTALS”** submitted to the University of Madras for the degree of Doctor of Philosophy by **Ms. S. KALAIYARASI** is the record of research work carried out by her during the period 2014–2018 under my guidance and supervision, and this work has not formed the basis for the award of any Degree, Diploma, Associateship, Fellowship or other Titles in this University or any other University or Institution of Higher Learning.

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