

DEVELOPMENT WORK IN RELATION TO MANUFACTURE OF PERFUMERY GRADE IONONE FROM LEMONGRASS OIL

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The synthesis of Ionone from locally grown Lemongrass oil is dealt with in two parts. Part I deals with the condensation of Acetone with Citral from Lemongrass oil to yield Pseudo-Ionone and optimization of the reaction conditions to obtain maximum yields, while part II deals with the Cyclisation of Pseudo-Ionone to Ionone and optimization of reaction conditions to obtain a high percentage of the α -Isomer, which is valued in perfumery.