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(57) Abstract :

N-alkylation of noroxymorphone to form stage-1 Charging Noroxymorphone in Dimethyl sulphoxide & triethylamine at 20-3 0°C under Stirring & heated the contents to 90-100°C, followed by addition of cyclobutylmethyl bromide. Further continued stirring at the same temperature for 3-5 hrs. The reaction was monitored for completion by TLC. Reaction mass was quenched in purified water at 20-3 0°C. Acidified with HCl up to pH=1.0 -2.0. Charcolised Aqu. Layer and filtered through hyflowbed. Again basified with liq NH₃ to pH 9.0-10.0 and extracted with methylene chloride & washed the organic layer with purified water. Organic layer Dried over Sodium sulphate, filtered and concentrated under vacuum completely to get dry solid

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(54) Title of the invention : FULLY AUTOMATIC EXCREMENT ANALYZER