

## Third Laureate Research & Development

**Project Title:** Production of medical grade TNG raw material

**Executive Organization:** Pars Banaye Sadr Co.

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### Abstract:

Production of the most administered heart drug namely Nitroglycerine (TNG) tablets is limited to few specific countries because of safety and process limitations of its raw material. Drug manufacturer companies, based on the need of the country were only importing the required amount.

In this project, studies and research in production of pure medical grade nitroglycerine and the know-how of its dilution was produced in a safe environment in laboratory, pilot and industrial scales. The needs of drug manufacturer companies to raw materials were met according to the international pharmacopeia standards. The final product is now available in industrial scale by many national companies.

