**Methods of Production Medicinal Compounds in Iranian Traditional Medicine**

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**Statement of Problem:**

Calcination is a term in material science and chemistry that refers to heating materials for pyrolysis, removing moisture, forming intermediate compounds, performing solid state reactions, and permeation. In pharmaceuticals, it is used for edible and absorbable minerals and metals.

**Research Purpose and Method:** In alchemy, the process of forming an oxide of a metal or additional compounds as a result of heating the metal in the vicinity of air is called calcination. This knowledge teaches us how to make substances that cannot be digested and absorbed in the human body or are detrimental to the body digestible and absorbed by the body and remove their harmful effects. In other words, we cannot use iron ore itself, consequently we have to process it and then powder it with a very fine mesh at the micro and nano level and then use it in our medicines.

**Results and Conclusion:**

The most significant and the most problematic terms are the calcination of metals or the first category, since in most metals, chemical changes must be achieved, that is, its natural form must be modified, and hence we must perform this chemical process with different plant extracts, and then the metal Turn the hard with heat and special chemical reactions into a soft and absorbable powder in the intestines. But in the case of mineral extracts, the most important item that is completed in its processing is calcination, in addition to combining it with other extracts, it must be heated so that the calcination process can be done efficiently.

**Keywords:** Calcination, medicinal compounds, traditional medicine, Iranian medicine