

The invention relates to methods for obtaining magnetite which can be used as catalyst, magnetic material, adsorbent and filler for composite materials. A method for obtaining magnetite from ferric oxide (III) involves thermal treatment of ferric oxide (III) and dispersed carbon in the crucible and cooling the reaction product at the room temperature. The ferric oxide is mixed with dispersed carbon at a weight ratio of 13:1, in the closed chamber of vibration mixer obtained is homogenous air and powder mixture, thereafter this mixture is thermally treated in the half-opened crucible which is blown through with carbon monoxide with an excessive pressure of 0.2 atms during 0.33 hours at the temperature of 550°C. Use of the invention allows to reduce the duration of the process of thermal treatment and improve the product purity.