

ABSTRACT

A MEDICINAL COMPOSITION OF AMARANTH EXTRACT ORIGIN HAVING ENRICHED NITRATE CONTENT AND A METHOD OF PREPARING THE SAME

The invention discloses an extract of Amaranth, having enriched nitrate content, L-arginine, Flavonoids, saponins, alkaloids, carbohydrates, proteins, potassium, and with negligible amount of oxalic acid or oxalate content. The extract of Amaranth can be prepared from fresh or dried leaves and stem of Amaranth. It can be administered into different dosage viz. fast melt tablet, lozenge, candy, chewing gum, beverage, tablet, capsule, pill, and powder to patients. The said enriched extract of Amaranth has the capability to enhance nitric oxide concentration, nitrate level concentration, and nitrite level in blood as well as in saliva. Hence by administering it can lower blood pressure, increase physical endurance, increase swimming endurance, increase running endurance, and improve sexual performance among human beings.

Fig. 1