



 **Current Issue**

 **Browse Issues**

 **Search**



 **About this Journal**

 **Instruction to Authors**

 **Online Submission**

 **Subscription**

 **Contact Us**



 **RSS Feed**

Acta Medica Iranica

2009;47(4) : 17-24

ISOLATED PROTEIN FROM CASTOR BEAN, PEANUT, SOY BEAN AND SAFFLOWER MEALS

B.Tavasolian , S.Nikpour, B.Makanvand

Abstract:

Castor bean, peanut, Soy bean and safflower protein isolates were prepared. The amino acid content of each of the protein isolates was analysed and the essential amino acid contents were compared with the FAO human requirements. The results indicated that castor bean has the highest oil and the protein content of defatted meal. Safflower 3148 (Marand, Iran) has the highest amount of essential amino acids. Peanut (Gilan Iran) has the lowest content of essential amino acids, however, in comparison to human requirement 100 gram protein of this peanut still have enough amino acid for one man's day. The ash total protein and total oil of the mentioned seeds were also determined.

Keywords:

[Castor bean](#) . [Peanut](#) . [Safflower protein](#)

TUMS ID: 1636

Full Text HTML  Full Text PDF  540 kB

top ▲

[Home](#) - [About](#) - [Contact Us](#)

TUMS E. Journals 2004-2009
Central Library & Documents Center
Tehran University of Medical Sciences

Best view with Internet Explorer 6 or Later at 1024*768 Resolutions