

Table 2: Effects of test diets on physiological parameters of mice

| Physiological parameters | Flax seed diet | Pumpkin seed diet |
|---------------------------------|-----------------------|--------------------------|
| Initial body weight (g) | 25 | 20.05 |
| Final body weight (g) | 26.4 | 22.06 |
| Body weight gain (g) | 1.4 | 2.01 |
| Average feed intake (g/day) | 1.245 | 1.92 |
| Food conversion efficiency | 0.889 | 0.957 |
| Average faeces weight (g/day) | 0.77 | 0.32 |
| Apparent digestibility (%) | 28.15 | 66.45 |

Table 3: Yield and phytochemical screening of test extracts

| Plant | Extract | % yield (w/w on dry weight basis) | Phytoconstituents present |
|---------------|----------------|--|---|
| Flaxseeds | n-hexane | 37.00 | Fixed oil, fatty acids |
| | Methanol | 29.00 | Amino acids, Carbohydrates, Phenolic compounds |
| Pumpkin seeds | n-hexane | 37.10 | Fixed oil, fatty acids |
| | Methanol | 31.70 | Amino acids, Carbohydrates, Phenolic compounds, Steroids |