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Effects of Instant Cascara Beverage and Purified Diets on Gastrointestinal **Motility in Male and Female Rats**

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INTRODUCTION & AIM

Instant Cascara (IC) is a sustainable beverage made from dried coffee cherry pulp, enriched with nutrients and bioactive compounds. This study evaluated its effect on gastrointestinal transit in experimental animals of both sexes, exposed to the AIN93M and AIN93G purified diets, which differ mainly in their fat content: AIN93M, designed for the maintenance of adult animals, contains 4% soy oil and AIN93G, formulated for growing animals, 7% soy oil. AIN93G diet has been suggested to induce irritable bowel syndrome with constipation (IBS-C) in male rats (Mosinska et al., Neurogastroenterol Motil. 2019; 31(9): e13651).



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