

**APLICACIÓN DE MALTODEXTRINA RESISTENTE EN ZUMO DE NARANJA
PASTEURIZADO: ANÁLISIS DE PROPIEDADES FISICOQUÍMICAS, COMPUESTOS
BIOACTIVOS, DIGESTIÓN IN VITRO E IMPACTO SENSORIAL**

**APPLICATION OF RESISTANT MALTODEXTRIN IN PASTEURIZED ORANGE JUICE:
ANALYSIS OF PHYSICOCHEMICAL PROPERTIES, BIOACTIVE COMPOUNDS, IN
VITRO DIGESTION AND SENSORY IMPACT**

TABLE OF CONTENTS

	Page
Abstract, Resumen and Resum	12
Chapter 1. Introduction and work justification	18
Chapter 2. Research objectives and thesis outline	49
Chapter 3. Impact of resistant maltodextrin addition on the physicochemical properties in pasteurized orange juice	53
Chapter 4. Effect of adding resistant maltodextrin to pasteurized orange juice on bioactive compounds and their bioaccessibility	73
Chapter 5. Sensory evaluation, physicochemical properties and aromatic profile of pasteurized orange juice with resistant maltodextrin	99
Chapter 6. Stability of vitamin C, carotenoids, phenols and antioxidant capacity of pasteurized orange juice with resistant maltodextrin storage	128
Chapter 7. General conclusions	151