FUTURA
ingredients
designed by nature

EKÖLITE VITA PROTEIN SERIES

PLANT BASED PROTEINS

Suitable for vegan and vegetarian

Gluten Free

Non-dairy

Non-allergen

Good amino acid profile

Free from egg

Free from soy

Price / availabilty

Plant Based Proteins

Introduction

Ekölite VITA Protein series are carefully selected plant based proteins with good amino acid profiles and suitable for consumers with dietary requirements to suit both vegetarians and vegan lifestyles. Our **Ekölite VITA Protein series** is non-allergenic, non-GMO, non-dairy, gluten free, free from egg, and free from soya.

Winner of Frost & Sullivan's 2016 Best Practices Award Entrepreneurial Company of the Year

Winner of Frost & Sullivan's 2018 Best Practices Award Food Ingredients Company of the Year

PRODUCT NAME

- **Ekölite VITA Protein Pea 80**
- **Ekölite VITA Protein Pea 85**
- **Ekölite VITA Protein Rice 80**
- **Ekölite VITA Protein Pumpkin 60**

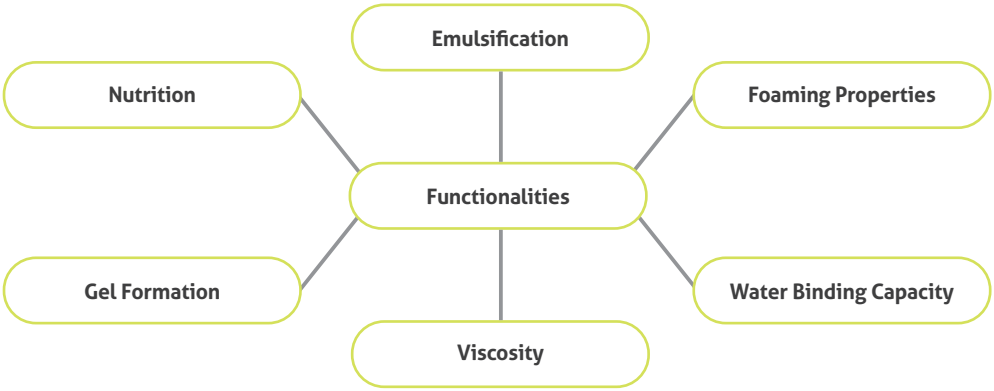
PLANT BASED PRODUCT | VEGAN | GLUTEN FREE | DAIRY FREE | EGG FREE | GMO FREE | NON ALLERGENIC

Our **Ekölite VITA Protein series** originates from pea, rice and pumpkin seeds that works as food formulators for protein substitues. For example, **Ekölite VITA Protein series** can be used to substute dairy **protein** for plant based beverages, and also acts as allergenic plant protein substitute in gluten free baking.

In addition, E**kölite VITA Protein series** is also a good plant based protein source for **protein fortification** formulations for high protein snack bars, sweet baked goods, etc.

Protein Functionalities

Ekölite VITA Protein series are plant based proteins, formed from sequences of amino acids that fold into the four levels of protein structure. These protein structures are very important in supporting its functionalities below:



Dairy Vegan Formulation Examples

Frozen Dessert

Ingredients	Dosage (%)
RBD Coconut Oil	8.0
Sucrose	12.5
Dextrose	4.0
Glucose Syrup	2.0
Ekölite VITA Protein series*	**2.6**
Ekömul KREM 539 MG	**0.5**
Unsweetened Almond Milk	70.4
Total	100

Plant Beverages

PEA PROTEIN BEVERAGE

Ingredients	Dosage (%)
Sugar	4.50
Ekölite VITA Protein Pea 85*	3.50
Sunflower Oil	1.50
Trehalose	1.00
Ekömul KREM 307 ND	0.18
Salt	0.15
Total	Up to 100

VEGAN ICE CREAM

Ingredients	Dosage (%)
Sunflower Oil	1.50
Ekölite VITA Protein Pumpkin 60*	2.00
Oat Powder	1.00
Sugar	5.00
Trehalose	1.00
Salt	0.15
Ekömul KREM 307 ND	0.20
Total	Up to 100

RICE MILK BEVERAGE

Ingredients	Dosage (%)
Sunflower Oil	1.50
Ekölite VITA Protein Rice 85*	0.45
Brown Rice Powder	0.50
Sugar	5.00
Salt	0.15
Trehalose	1.50
Ekömul KREM 307 ND	0.18
Total	Up to 100

Note: ** Protein substitution*

Bakery Formulation Examples

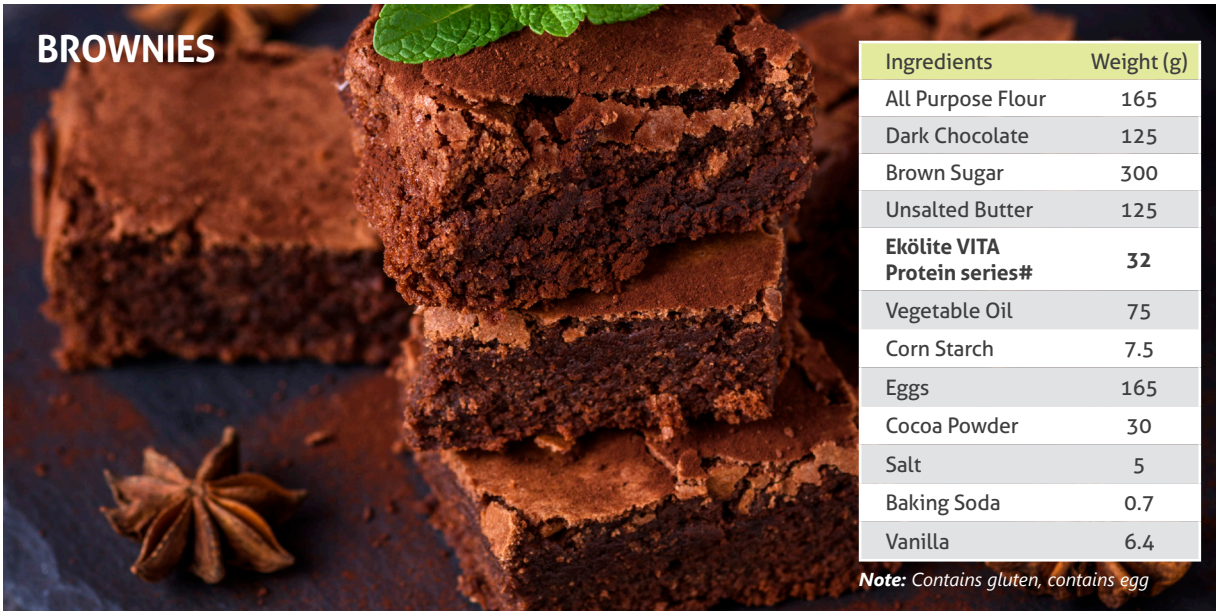
Sweet Baked Goods

CHOCOLATE ALMOND COOKIES

Ingredients	Weight (g)
All Purpose Flour	240
Cocoa Powder	10
Icing Sugar	140
Unsalted Butter	250
Ekölite VITA Protein series#	**40**
Eggs	50
Ekolite SL 70 S	**10**
Ground Almond	100
Chocolate Chips	150

Note: *Contains gluten, contains egg*

BROWNIES



Ingredients	Weight (g)
All Purpose Flour	165
Dark Chocolate	125
Brown Sugar	300
Unsalted Butter	125
Ekölite VITA Protein series#	**32**
Vegetable Oil	75
Corn Starch	7.5
Eggs	165
Cocoa Powder	30
Salt	5
Baking Soda	0.7
Vanilla	6.4

Note: *Contains gluten, contains egg*

GLUTEN-FREE BUTTER CAKE

Ingredients	Standard Weight (g)	Gluten Free Weight (g)
Unsalted Butter	264	264
Wheat Cake Flour	264	-
Corn Starch	-	230
Ekölite VITA Protein Pea 80#	-	**34**
Ekömul MYXT 373 PGI FLOW	**16**	**16**
Xanthan Gum	-	0.5
Hydroxypropyl Methylcellulose (HPMC)	-	3
Sugar	172	172
Salt	3	3
Whole Eggs	252	252
Vanilla Extract	7	7
Baking Powder	3	3
Full Cream Milk	70	70

Note: *Contains eggs, contains gluten (in standard formulation)*
Note: *# Protein fortification*

GLUTEN FREE

In addition to the unique organoleptic properties that **Ekölite VITA Protein series** contributes, each of the functionalities mentioned above play a vital role in determining the final product texture and structure, particularly in protein substitution formulations.

Product Specifications

	EKÖLITE VITA PROTEIN				
Product Name	Pea 80	Pea 85	Rice 80	Pumpkin 60	PeaCe 80*
Form	Powder	Powder	Powder	Powder	Powder
Appearance	Light Yellow	Light Yellow	Light Yellow	Light Brown	Light Yellow
Protein Content (min. dry basis, %)	80	85	80	60	80
Moisture (max. %)	10	10	10	10	10
Ash Content (max. %)	8	8	8	10	8
PDCAAS (Calculated)	0.8 – 0.9	0.8 – 0.9	0.4 – 0.5	0.5– 0.6	0.85 – 0.95
Non-Allergen	Yes	Yes	Yes	Yes	Yes
Non-GMO	Yes	Yes	Yes	Yes	Yes

**PeaCe 80 is a blend of Pea and Rice Proteins*

Disclaimer: *The information and recommendations contained herein are to the best of our knowledge reliable. However, nothing herein is to be construed as a warranty of representation in respect of safety in use, suitability, efficacy or otherwise including freedom from patent infringement. Users should conduct their own tests to determine the suitability of our product for their own specific purposes and the legal status for their intended use of the product.*

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