

Application Recipe

Buko Pandan Soft Serve

Creamy Indulgence for Optimal Bone Health



Featured Ingredients

- Palatinose™ PST-PF
- Orafti®Synergy1
- Palsgaard® WaterIce 815
- Palsgaard® DMG 5611
- Ingrebio Pandan Powder Flavor
- Benexia® ALA Powder
- Borregaard EuroVanillin Dairy
- Hexagon Nutrition Fortivit-DAI-348
- Hexagon Nutrition Calcium Lactate
- Monkfruit MFC-E30P

Key Benefits

High fibre, Source of Calcium, Source of Vitamin A, Source of Vitamin B12, Source of Vitamin C, Source of Vitamin D, Source of Vitamin K, Contains ALA

INGREDIENTS	TEST RECIPE (%)
Non-Dairy Creamer	6.43
Skim Milk	6.43
Coconut powder	1.00
<i>Palatinose™ PST-PF - BENE0</i>	8.33
<i>Orafti®Synergy1 – BENE0</i>	8.33
<i>Palsgaard® WaterIce 815 – Palsgaard</i>	0.47
<i>Palsgaard® DMG 5611 – Palsgaard</i>	0.20
Fine Salt	0.13
<i>Pandan Powder Flavor – Ingrebio</i>	0.05
<i>Benexia® ALA Powder - Benexia</i>	0.07
<i>EuroVanillin Dairy – Borregaard</i>	1.67
<i>Fortivit-DAI-348 – Hexagon</i>	0.03
<i>Calcium Lactate – Hexagon</i>	0.02
<i>Monkfruit MFC-E30P – Monk Fruit Corp</i>	0.22
Sub Total	33.34
Water	66.66
TOTAL	100.00

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Reduced Sugar Pandan Jelly

INGREDIENTS	CONTROL (%)	TEST RECIPE (%)
Plain Instant Jelly Powder	2.14	2.14
Sugar	28.55	-
<i>ISOMALT GS – BENEOL</i>	-	28.55
<i>Pandan Powder Flavor – Ingrebio</i>	0.06	0.06
<i>Monkfruit MFC-E30P – Monk Fruit Corp</i>	-	0.01
Water	99.94	99.94
TOTAL	100.00	100.00

Procedure

Soft Serve Ice Cream

1. Weigh all dry ingredients and mix it well.
2. Dissolve the premix into water, mix it well with a hand-blender until all dissolve well.
3. Pour the mixture into soft serve ice cream machine.
4. Wait until it ready to serve. Put the ice cream into ice cream cup (1 serving 80 gr)

Pandan Jelly

1. Weigh all dry ingredients.
2. Dry mix instant Jelly Powder, ISOMALT GS, and Monkfruit MFC-E30P
3. Add water, mix until dissolve well.
4. Heat the mixture until its boil then turn of the heat.
5. Add flavour powder and food colour, mix it until dissolve well.
6. Pour into mould, wait until cool down. Storage in cool condition to make Jelly setting.
7. Cut the Jelly with size: 1 x 1 x 1 cm. The jelly is ready to serve as ice cream topping.

Featured Ingredients

Palatinose™ PST-PF

Nutritional Benefits

- *Low glycemic*
- *Low insulinemic*

Technical Benefits

- *No lumping problem*
- *Stable under acidic condition*
- *Does not promote tooth decay*

Crafti® Synergy1

Nutritional Benefits

- *Source of dietary fibre*
- *Low glycemic*
- *Increases calcium absorption*
- *Increases bone mineral density*
- *Prebiotic*
- *Increase intestinal bifidobacteria*
- *Aids in digestion*
- *Promotes healthy digestive system & gastrointestinal tract*
- *Promotes intestinal function*
- *Clean label*
- *Natural substance*
- *Suitable for diabetic*

Technical Benefits

- *Aid in fat replacement*
- *Improve creaminess*
- *Promote fat-like mouthfeel*

Isomalt GS

Nutritional Benefits

- *Half the calories of sugar*
- *Tooth-friendly*
- *Low GI*
- *Low digestible carbohydrates*

Technical Benefits

- *Good flowability*
- *Sucrose-like natural sweetness without any aftertaste*
- *Low hygroscopicity*
- *High process stable*

Palsgaard® DMG 5611 - Emulsifier

Technical Benefits

- *Provide emulsifying property*
- *Prolonged shelf life & cost reductions*
- *Provides finer & regular crumb structure with higher volume (for bakery products)*
- *Easy handling & premixing*
- *Decrease the surface tension during the cold preparation (for ice cream products)*

Palsgaard® WaterIce 815 - Stabilizer

Technical Benefits

- Control ice crystal size during freezing
- Provides slow melt down
- Maintain stabilizing effect even at low pH value

Benexia® ALA Powder

Nutritional Benefits

- Contains 25% of omega 3.
- Rich in antioxidants
- Oxygen Radical Absorbance Capacity (ORAC):
>2,500 µmoles TE/100

Technical Benefits

- Soluble powder
- Have no taste
- Good oxidative stability

Fortivit-DAI-348, vitamin premix

Nutritional Benefits

0.01 gr adding Vitamin Premix contains:

- Vitamin A : 80 mcg
- Vitamin B12 : 0.2 mcg
- Vitamin C : 6 mg
- Vitamin D : 0.5 mcg
- Vitamin K : 8 mcg

Calcium Lactate, calcium

Nutritional Benefits

- Calcium source
- Contributes to the development and maintenance of strong bones and teeth
- Supports optimal muscle function by providing an adequate supply of calcium

Technical Benefits

- Soluble in water

Monk Fruit MFC-E30P, natural sweetener

Nutritional Benefits

- Natural sweetener
- Zero-Calorie

Technical Benefits

- Clean Label
- pH and heat stable

Ingrebio Pandan Flavour

Technical Benefits

- Enhanced pandan flavour in ice cream

Borregaard Euro Vanillin Dairy

Technical Benefits

- Enhanced vanilla milky flavour in ice cream

Nutritional Information (Estimated calculation)

A. Ice Cream + Pandan Jelly

Nutrition Facts		
Portion Size	80 g	
Amount Per Portion		
Calories	92	
	% Daily Value *	
Total Fat	0.9 g	1.38 %
Saturated Fat	0.7 g	3.50 %
Cholesterol	1 mg	0.33 %
Sodium	70 mg	2.92 %
Total Carbohydrate	22 g	7.33 %
Dietary Fibre	5.1 g	20.40 %
Sugar	8 g	
Protein	1.5 g	3.00 %
Vitamin A, RAE	80 mcg	10.00 %
Vitamin B12	0.2 mcg	10.00 %
Vitamin C	6 mg	10.00 %
Vitamin D	0.5 mcg	10.00 %
Vitamin K	8 mcg	10.00 %
Calcium	83.0 mg	10.38 %
Iron	0.06 mg	0.40 %
Magnesium	0.54 mg	0.15 %
Potassium	92 mg	2.63 %
Zinc	0.01 mg	0.07 %
ALA	310 mg	
* Percent Thai Recommended Daily Intake for population over 6 years of age are based on 2,000 kcal diet.		

B. Pandan Jelly

Control

Nutrition Facts		
Portion Size	20 g	
Amount Per Portion		
Calories	18	
	% Daily Value *	
Total Fat	0 g	0.00 %
Sodium	0.7 mg	0.03 %
Total Carbohydrate	4.7 g	1.57 %
Dietary Fibre	0.1 g	0.40 %
Sugar	4.5 g	
Protein	0 g	0.00 %
Calcium	0.5 mg	0.06 %
Magnesium	0.16 mg	0.05 %
* Percent Thai Recommended Daily Intake for population over 6 years of age are based on 2,000 kcal diet.		

Reduce Sugar

Nutrition Facts		
Portion Size	20 g	
Amount Per Portion		
Calories	11	
	% Daily Value *	
Total Fat	0 g	0.00 %
Sodium	0.6 mg	0.03 %
Total Carbohydrate	4.6 g	1.53 %
Dietary Fibre	0.1 g	0.40 %
Sugar	0.1 g	
Protein	0 g	0.00 %
Calcium	0.5 mg	0.06 %
Magnesium	0.16 mg	0.05 %
* Percent Thai Recommended Daily Intake for population over 6 years of age are based on 2,000 kcal diet.		

Possible Claims

- High fibre
- Source of Calcium
- Source of Vitamin A
- Source of Vitamin B12
- Source of Vitamin C
- Source of Vitamin D
- Source of Vitamin K
- Contains ALA