

# Crunchy Mocha Protein Bar

Incredibly rich and delicious, these mocha-coated bars are filled with crunchy almonds and dairy protein crisps. A protein-boosted snack, perfect for re-energising during busy days.



#### CRUNCHY FILLING

| Ingredients               | Wt (g) |
|---------------------------|--------|
| Almonds, chopped          | 30     |
| U.S. Dairy Protein Crisps | 14     |
| Sunflower seeds           | 12     |
| Vegetable oil             | 2      |
| Agave syrup               | 11     |
| Total                     | 69     |
|                           |        |

# Preparation

- 1. Combine the almonds, sunflower seeds and dairy protein crisps in a mixing bowl.
- 2. Add agave syrup and vegetable oil. Mix well.
- 3. Spread the mixture on a baking tray and bake at 155 °C for 8 mins.
- 4. Remove from the oven and allow to cool to room temperature.

# MOCHA PROTEIN BAR DOUGH

| Ingredients                                | Wt (g) |
|--|--------|
| U.S. Whey Protein Isolate<br>(Hydrolysed)* | 70     |
| U.S. Skimmed Milk Powder                   | 12     |
| Light corn syrup                           | 59     |
| Vegetable oil                              | 21     |
| Glycerine                                  | 23     |
| Cocoa powder                               | 3      |
| Coffee powder                              | 3      |
| Coffee flavor                              | 1      |
| Vanilla flavor                             | 1      |
| Sucralose solution (10%)                   | 1      |
| Water                                      | 9      |
| Total                                      | 203    |

## **Assembly**

- Roll out the dough to a thickness of approx.
  0.4 cm and cut into 8.5 cm x 3.5 cm per piece, with each piece weighing 12.5 g.
- 2. Smooth the surface to even the dough and press a portion of the crunchy filling (1.5 g) onto each piece.
- 3. Sandwich 2 pieces with the crunchy filling in the middle together. Compress and shape it to form a bar of approx. 8.0 cm x 3.5 cm x 1.3 cm. The total weight per bar is approx. 28 g.

<sup>\*</sup>Check with U.S. suppliers for hydrolysed or other specialty WPI tailored for bar formulations.



## Preparation

- Combine light corn syrup, vegetable oil, glycerine and sucralose solution. Gently heat and stir until well mixed.
- 2. Remove from heat and add in skimmed milk powder, cocoa powder, coffee powder, flavorings and water. Stir continuously and mix well until a homogenous paste is formed.
- 3. Transfer the paste into a mixing bowl. Add the whey protein isolate and mix slowly at low speed for 1 to 2 mins until well incorporated.

#### **NUTRITION CONTENT**

| Serving size: 1 piece (22 g) |        |       |            |
|------------------------------|--------|-------|------------|
|                              | Per Se | rving | Per 100g   |
| Energy                       | 94.2   | kcal  | 339.0 kcal |
| Protein                      | 9.2    | g     | 32.8 g     |
| Total Fat                    | 3.8    | g     | 13.5 g     |
| Saturated Fat                | 0.5    | g     | 1.8 g      |
| Trans fat                    | 0      | g     | 0 g        |
| Cholesterol                  | 1.7    | mg    | 6.0 mg     |
| Total Carbohydrate           | 10.4   | g     | 37.1 g     |
| Sugar                        | 6.9    | g     | 24.5 g     |
| Dietary Fibre                | 0.3    | g     | 1.0 g      |
| Sodium                       | 47.0   | mg    | 168.0 mg   |
| Calcium                      | 71.7   | mg    | 256.1 mg   |
| Potassium                    | 141.6  | mg    | 505.6 mg   |
| Iron                         | 0.2    | mg    | 0.6 mg     |
| Vitamin D                    | 0      | μg    | 0 µg       |

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