**Test Case Name:** Verify Calories Calculation Formula for Added Nutrient

**Story:**Scenario 1: add nutrients  
Given a nutrient  
And I am on the nutrients dashboard page  
When I select add nutrient  
Then I should be able to enter nutrient details  
And the nutrient should save  
And I should see the nutrient in the table  
And the calories calculations are correct.

**Description:**Validate that the calorie calculation for a newly added nutrient is accurate based on the given formula.

**Precondition:**

* The user is on the Nutrients Dashboard page.

**Test Steps:**

1. Select "Add Nutrient."
2. Enter the following nutrient details:
   * **Protein:** 10 grams
   * **Carbs:** 15 grams
   * **Fat:** 8 grams
   * **Alcohol:** 5 grams
   * **Sugar Alcohol:** 3 grams
3. Calculate the expected calories using the formula:  
   **Calories = (4 x protein) + (4 x carbs) + (9 x fat) + (7 x alcohol) + (2 x sugar alcohol)  
   Expected Calories = (4 \* 10) + (4 \* 15) + (9 \* 8) + (7 \* 5) + (2 \* 3)  
   Expected Calories = 40 + 60 + 72 + 35 + 6 = 213**
4. Verify that the calculated calories displayed in the table is **213**.
5. Check if the nutrient details (protein, carbs, fat, alcohol, sugar alcohol) are correctly saved and displayed in the table.

**Test Data:**

* Protein: 10 grams
* Carbs: 15 grams
* Fat: 8 grams
* Alcohol: 5 grams
* Sugar Alcohol: 3 grams

**Expected Result:**

* The nutrient should be successfully saved, and the correct calorie value (**213**) should be displayed in the table.
* The nutrient details entered (protein, carbs, fat, alcohol, sugar alcohol) should be correctly displayed.

**Postcondition:**

* The nutrient remains saved, and the calorie calculation is accurate.