

## Integrate Nutrition API

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|---------|---------------------------------|
| Team Id | PNT2022TMID20166                |
| Title   | Nutrition Assistant Application |

### Integrate Nutrition API

The spoonacular Recipe - Food - Nutrition API gives you to access to thousands of recipes, storebought packaged foods, and chain restaurant menu items. Our food ontology and semantic recipe search engine makes it possible to search for recipes using natural language queries, such as “gluten free brownies without sugar” or “low fat vegan cupcakes.” You can automatically calculate the nutritional information for any recipe, estimate recipe costs, visualize ingredient lists, find recipes for what’s in your fridge, find recipes based on special diets, nutritional requirements, or favorite ingredients, classify recipes into types and cuisines, convert ingredient amounts, or even compute an entire meal plan. With our powerful API, you can create many kinds of food and nutrition apps.

The screenshot displays the RapidAPI interface for the 'Recipe - Food - Nutrition' API. The top navigation bar includes links for 'My Orgs', 'API Hub', 'My Apps', 'My APIs', and 'Docs'. The API details section shows a 9.9/10 popularity rating, 685ms latency, and 100% service level. The documentation section provides a detailed description of the API's capabilities, including searching for recipes by natural language queries, calculating nutritional information, and estimating recipe costs. A code snippet for searching recipes is shown, using the 'GET Search Recipes' endpoint with parameters for query, cuisine, excludeCuisine, diet, intolerances, equipment, includeIngredients, excludeIngredients, and type.

**Recipe - Food - Nutrition API Documentation**

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Special diets/dietary requirements currently available include: vegan, vegetarian, pescetarian, gluten free, grain free, dairy free, high protein, low sodium, low carb, Paleo, Primal, ketogenic, and more.

**GET Search Recipes**

Search through thousands of recipes using advanced filtering and ranking. NOTE: Since this method combines searching by query, by ingredients, and by nutrients into one endpoint, each request counts as 3 requests.

Personal Account: Keerthi E

RapidAPI App: default-application\_6859817

Request URL: rapidapi.com

```
const axios = require("axios");

const options = {
  method: "GET",
  url: "https://spoonacular-recipe-food-nutrition-v1.p.rapidapi.com/recipes/complexSearch",
  params: {
    query: "pasta",
    cuisine: "italian",
    excludeCuisine: "greek",
    diet: "vegetarian",
    intolerances: "gluten",
    equipment: "pan",
    includeIngredients: "tomato,cheese",
    excludeIngredients: "eggs",
    type: "main course",
  },
};
```