

---

# Lumache

*Release 0.1*

**Graziella**

**Nov 26, 2022**



# CONTENTS

<b>1</b>	<b>Contents</b>	<b>3</b>
1.1	Usage . . . . .	3
1.2	API . . . . .	4
	<b>Python Module Index</b>	<b>5</b>
	<b>Index</b>	<b>7</b>



**Lumache** (/lu'make/) is a Python library for cooks and food lovers that creates recipes mixing random ingredients. It pulls data from the [Open Food Facts database](#) and offers a *simple* and *intuitive* API.

Check out the [Usage](#) section for further information, including how to [Installation](#) the project.

---

**Note:** This project is under active development.

---



## CONTENTS

## 1.1 Usage

### 1.1.1 Installation

To use Lumache, first install it using pip:

```
(.venv) $ pip install lumache
```

### 1.1.2 Creating recipes

To retrieve a list of random ingredients, you can use the `lumache.get_random_ingredients()` function:

`lumache.get_random_ingredients(kind=None)`

Return a list of random ingredients as strings.

**Parameters**

**kind** (*list[str]* or *None*) – Optional “kind” of ingredients.

**Raises**

*lumache.InvalidKindError* – If the kind is invalid.

**Returns**

The ingredients list.

**Return type**

*list[str]*

The `kind` parameter should be either `"meat"`, `"fish"`, or `"veggies"`. Otherwise, *lumache.get\_random\_ingredients()* will raise an exception.

**exception lumache.InvalidKindError**

Raised if the kind is invalid.

For example:

```
>>> import lumache
>>> lumache.get_random_ingredients()
['shells', 'gorgonzola', 'parsley']
```

## 1.2 API

---

<i>lumache</i>	Lumache - Python library for cooks and food lovers.
----------------	-----------------------------------------------------

---

### 1.2.1 lumache

Lumache - Python library for cooks and food lovers.

#### Functions

---

<i>get_random_ingredients</i> ([kind])	Return a list of random ingredients as strings.
----------------------------------------	-------------------------------------------------

---

#### Exceptions

---

<i>InvalidKindError</i>	Raised if the kind is invalid.
-------------------------	--------------------------------

---



## PYTHON MODULE INDEX

|

lumache, 4



## INDEX

### G

`get_random_ingredients()` (*in module lumache*), 3

### I

`InvalidKindError`, 3

### L

`lumache`  
    module, 4

### M

module  
    `lumache`, 4