

API Reference - Wild Octave Organics

Base URL

- Development: `http://localhost:3000/api`
- Production: `https://your-domain.com/api`

Authentication

Most endpoints require authentication via session cookies or API tokens.

Endpoints

Invoice Management

Process Invoice

Upload and process a PDF invoice.

```
POST /api/process-invoice
Content-Type: multipart/form-data
```

Parameters:

- `file` (file): PDF invoice file
- `vendor` (string): Vendor name

Response:

```
{
  "success": true,
  "invoiceId": "clx123...",
  "lineItems": [
    {
      "id": "item123",
      "productName": "Organic Almonds",
      "quantity": 10,
      "unitPrice": 15.50,
      "totalPrice": 155.00
    }
  ]
}
```

Get Invoices

Retrieve list of processed invoices.

```
GET /api/invoices?
page=1&limit=10&vendor=VendorName&startDate=2025-01-01&endDate=2025-12-31
```

Query Parameters:

- `page` (number): Page number (default: 1)

- `limit` (number): Items per page (default: 10, max: 100)
- `vendor` (string): Filter by vendor name
- `startDate` (string): Start date (YYYY-MM-DD)
- `endDate` (string): End date (YYYY-MM-DD)

Square Integration

Sync with Square

Trigger synchronization with Square API.

```
POST /api/square/sync
Content-Type: application/json
```

Body:

```
{
  "syncType": "products" || "inventory" || "all",
  "force": false
}
```

Get Square Products

Retrieve products from Square catalog.

```
GET /api/square/products?search=organic&category=supplements&limit=50
```

Create Product Link

Link an invoice item to a Square product.

```
POST /api/square/product-links
Content-Type: application/json
```

Body:

```
{
  "invoiceProductName": "Organic Almonds 1kg",
  "squareProductId": "square_product_id",
  "confidence": 0.95,
  "isManualLink": true
}
```

Category Management

Get Categories

```
GET /api/categories
```

Assign Category

```
POST /api/assign-category
Content-Type: application/json
```

Body:

```
{
  "lineItemId": "clx123...",
  "categoryId": "cat123..."
}
```

Webhooks

Square Webhooks

Receive webhook events from Square.

```
POST /api/square/webhooks
Content-Type: application/json
X-Square-Signature: <signature>
```

Error Handling

All endpoints return consistent error responses:

```
{
  "error": true,
  "message": "Detailed error message",
  "code": "ERROR_CODE",
  "details": {
    "field": "validation error details"
  }
}
```

Rate Limiting

- 100 requests per 15-minute window per IP
- 1000 requests per hour for authenticated users
- Webhook endpoints have higher limits

Status Codes

- 200 - Success
- 201 - Created
- 400 - Bad Request
- 401 - Unauthorized
- 403 - Forbidden
- 404 - Not Found
- 429 - Too Many Requests
- 500 - Internal Server Error