

USING AGIIS REST API WITH POSTMAN

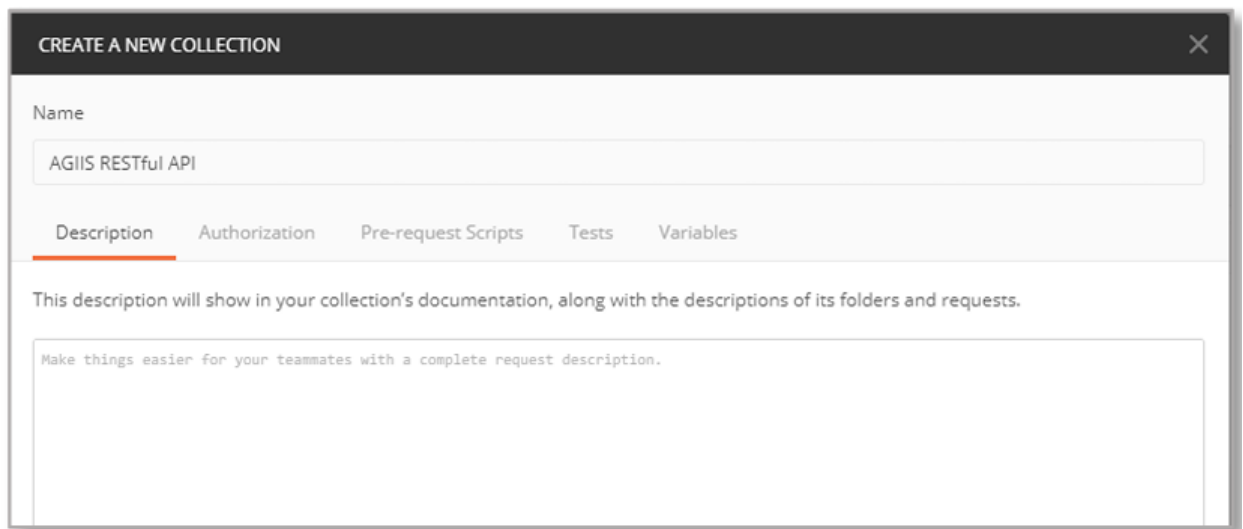
Use the following steps to use the AGIIS RESTful API's to perform a Product Search by GTIN using Postman.

Postman can be downloaded from the <https://www.getpostman.com/downloads>

Refer to SWAGGER documentation at <https://rest.agiis.org/swagger/ui/index>

Steps

1. Open Postman and create a new Collection named, "AGIIS RESTful API"



2. Add a new Request that will perform a product search by GTIN, then save this Request to the AGIIS RESTful API Collection created earlier

SAVE REQUEST

Requests in Postman are saved in collections (a group of requests).
[Learn more about creating collections](#)

Request name

Product Search By GTIN

Request description (Optional)

Perform a product search by GTIN

Descriptions support [Markdown](#)

Select a collection or folder to save to:

Q

Search for a collection or folder

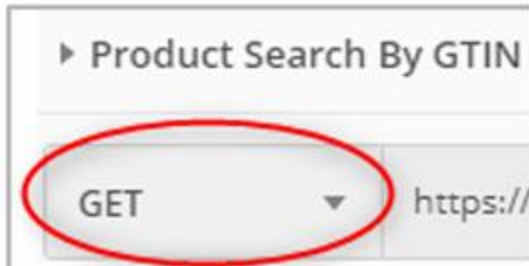
◀ AGIIS RESTful API

+ Create Folder

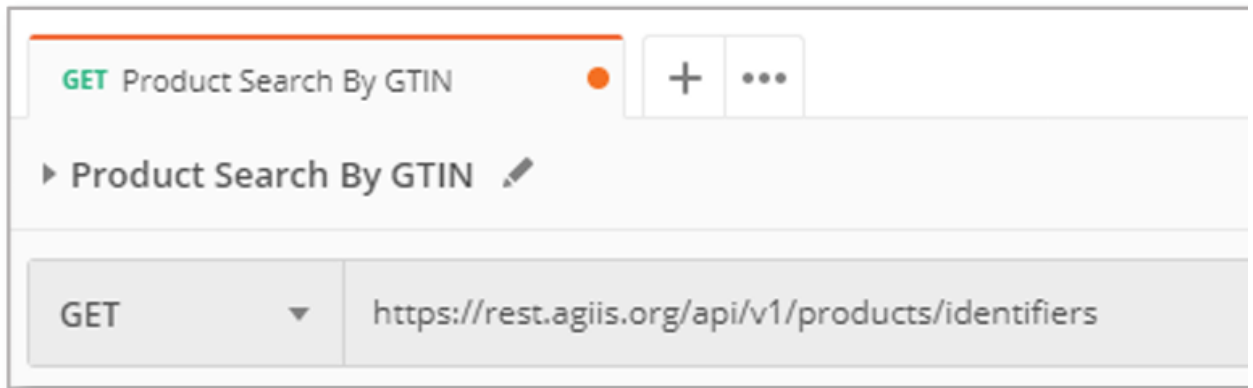
Cancel

Save to AGIIS RESTful API

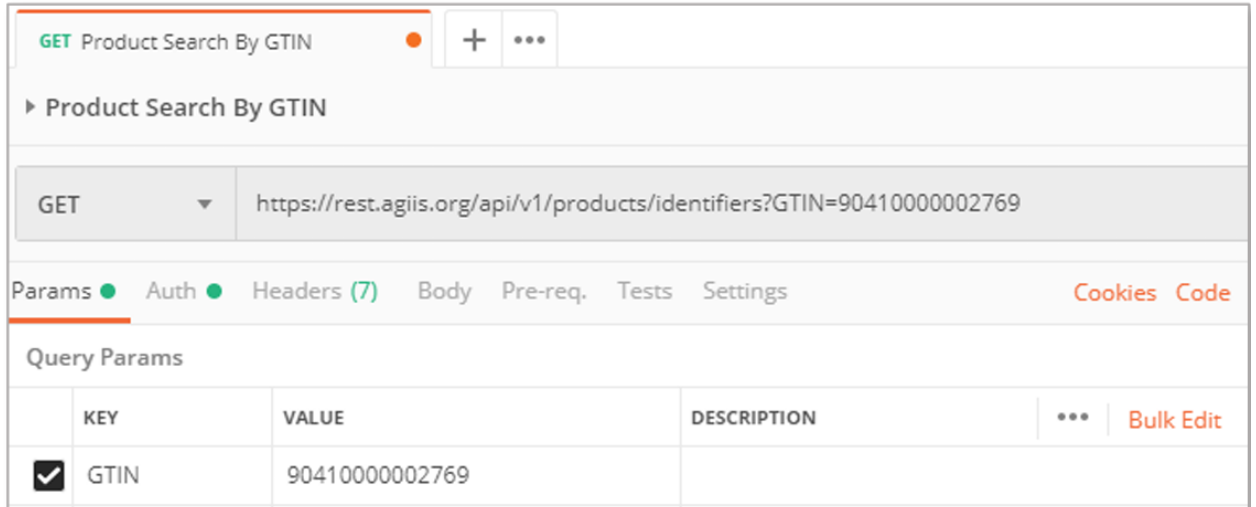
- To perform a search, ensure GET is selected in the dropdown box.



4. For this example, since we are searching for Products by a known identifier, the URL to enter would be: <https://rest.agiis.org/api/v1/products/identifiers>.



5. Next, on the Params tab, enter a KEY of GTIN to search and a Value of the GTIN to perform the search for. For example, enter a value of 90410000002769.



6. The URL querystring should be updated as you type in the parameter.

7. Next, open the Auth tab, and change the TYPE to OAUTH2.

The screenshot shows the REST Client interface with the following elements:

- GET Product Search By GTIN** (Title bar)
- Product Search By GTIN** (Section header)
- GET** (Method dropdown)
- https://rest.agiis.org/api/v1/products/identifiers?GTIN=90410000002769** (URL)
- Params** (Active tab)
- Auth** (Selected tab, highlighted in yellow)
- Headers (7)** (Tab)
- Body** (Tab)
- Pre-req.** (Tab)
- Tests** (Tab)
- Settings** (Tab)
- OAuth 2.0** (Type dropdown, highlighted in yellow)
- Preview Request** (Button)
- The authorization data will be automatically generated when you send the request.** (Text)
- Learn more about authorization** (Link)
- Add auth data to** (Label)
- Request Headers** (Dropdown menu)
- Access Token** (Section header)
- Access Token** (Input field)
- Available Tokens** (Dropdown menu)
- Get New Access Token** (Button)

8. Press the GET NEW ACCESS TOKEN button and enter in the following information:

- Token Name: The friendly name you would like to call this token
- Grant Type: Client Credentials
- Access Token URL: <https://identity.agiis.org/connect/token>
- Client ID: The client ID provided to you by AGIIS Member Services
- Client Secret: The secret provided to you by AGIIS Member Services
- Scope: agiisrest
- Client Authentication: Send as Basic Auth Header

GET NEW ACCESS TOKEN

Token Name

AGIISRESTClientCredentialsToken

Grant Type

Client Credentials

Access Token URL ⓘ

https://identity.agiis.org/connect/token

Client ID ⓘ

AGIISRESTCLIENT

Client Secret ⓘ

Scope ⓘ

agiisrest

Client Authentication

Send as Basic Auth header

Request Token

9. Press the Request Token button, and the screen should display the token.

MANAGE ACCESS TOKENS

ALL TOKENS

AGIISRESTClientCredenti...

Token Type

Bearer

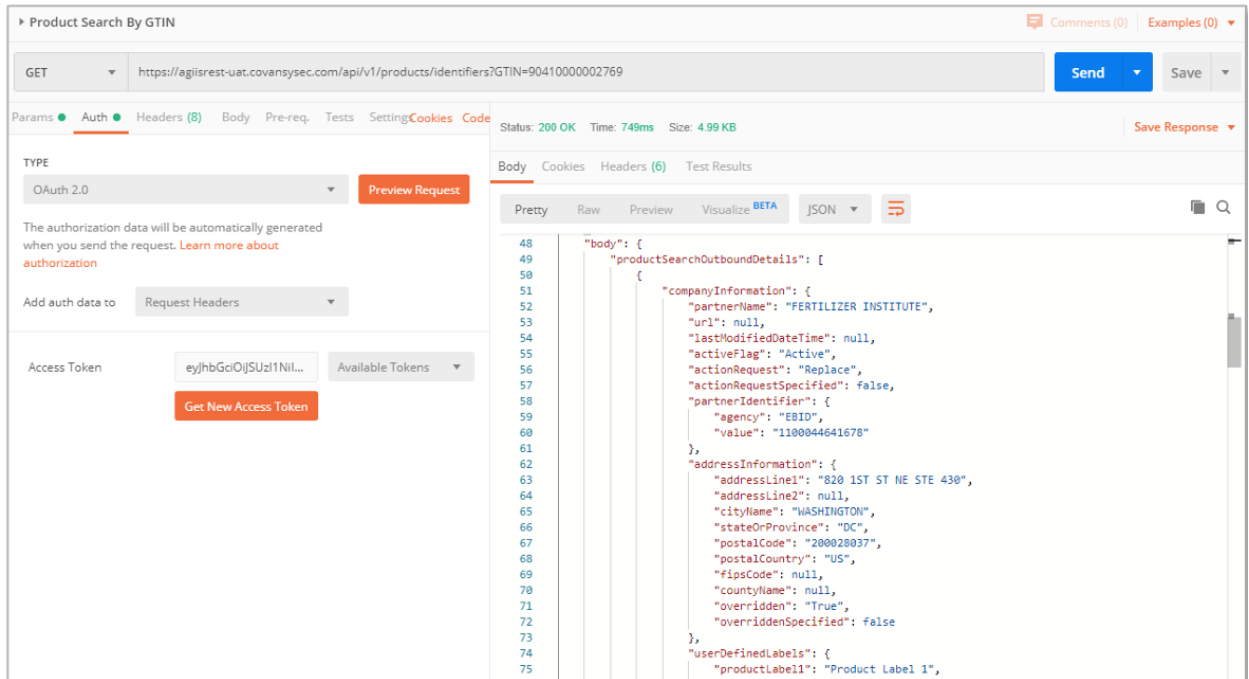
expires_in

3600

Use Token

10. Scroll down to the bottom and press the USE TOKEN button.

11. Now that the token for the Product Search by GTIN Request has been created, press the blue **SEND** button in the Postman.



12. The results of the search will display in the response area of Postman along with the Status code.

```
Status: 200 OK Time: 1220ms Size: 5.03 KB

Body Cookies Headers (6) Test Results

Pretty Raw Preview Visualize BETA JSON

49 "body": {
50   "productSearchOutboundDetails": [
51     {
52       "companyInformation": {
53         "partnerName": "FERTILIZER INSTITUTE",
54         "url": null,
55         "lastModifiedDate": null,
56         "activeFlag": "Active",
57         "actionRequest": "Replace",
58         "actionRequestSpecified": false,
59         "partnerIdentifier": {
60           "agency": "EBID",
61           "value": "1100044641678"
62         },
63         "addressInformation": {
64           "addressLine1": "820 1ST ST NE STE 430",
65           "addressLine2": null,
66           "cityName": "WASHINGTON",
67           "stateOrProvince": "DC",
68           "postalCode": "200028037",
69           "postalCountry": "US",
70           "fipsCode": null,
71           "countyName": null,
72           "overridden": "True",
73           "overriddenSpecified": false
74         },
75         "userDefinedLabels": {
76           "productLabel1": "Product Label 1",
77           "productLabel2": "Product Label 2",
78           "productLabel3": "Product Label 3",
79           "pkgSizeLabel1": "Package Size Label 1",
```

13. A Status of 200 indicates the search found results.

14. A Status such as 204 or 404 indicates the search did not find any results.

```
Status: 204 No Content Time: 328ms Size: 429 B Save

Body Cookies Headers (6) Test Results

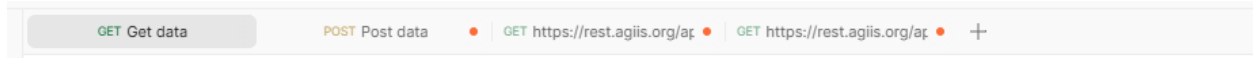
Pretty Raw Preview Visualize BETA JSON

1 {
2   "@odata.context": "https://rest.agiis.org/api/v1/$metadata#Edm.String",
3   "value": "GTIN: 90410000002760Product Identifier: and Report Identifier: not found. CorrelationId:a19c83a7-3507-439e-9b1b-058c51994437"
4 }
```

15. The Value in the response will contain more information regarding the search results and can be used to determine why no search results were returned. A unique Correlation for this specific API call will also be included and can be used in reference and for troubleshooting with end users.

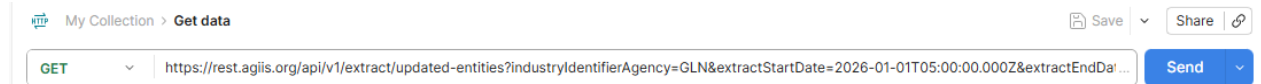
Use the following steps to use the AGIIS RESTful API's to perform an Entity Update Extract Search using Postman.

1. Create a new request by clicking on the “+” at the top of the page.



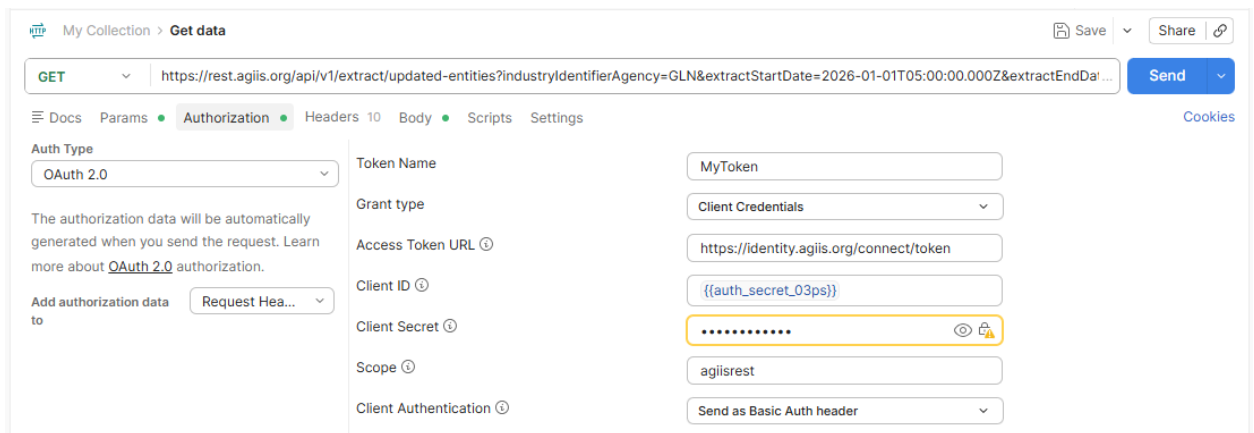
2. Ensure the dropdown is set to GET and enter the following URL:

<https://rest.agiis.org/api/v1/extract/updated-entities?industryIdentifierAgency=GLN&extractStartDate=2026-01-01T05:00:00.000Z&extractEndDate=2026-05-05T05:00:00.000Z&page=1>



3. Once the URL is entered, the following information will need to be updated on the “Authorization” tab.

- a. Token Name: The friendly name you would like to call this token
- b. Grant Type: Client Credentials
- c. Access Token URL: <https://identity.agiis.org/connect/token>
- d. Client ID: The client ID provided to you by AGIIS Member Services
- e. Client Secret: The secret provided to you by AGIIS Member Services
- f. Scope: agiisrest
- g. Client Authentication: Send as Basic Auth Header



4. Request a new token to be entered in the Token field by clicking on the “Get new access token” button. Copy the token and paste it into the Token field.

GET <https://rest.agilis.org/api/v1/extract/updated-entities?industryIdentifierAgency=GLN&extractStartDate=2026-01-01T05:00:00.000Z&extractEndDa...> Send

Docs Params **Authorization** Headers 10 Body Scripts Settings

Auth Type: OAuth 2.0

The authorization data will be automatically generated when you send the request. Learn more about [OAuth 2.0](#) authorization.

Add authorization data to: Request Hea...

Refresh Token URL: <https://identity.agilis.org/connect/token>

Token Request

Key	Value	Send In
Create parameter	Value	

Refresh Request

Key	Value	Send In
Create parameter	Value	

Clear cookies

Get new access token

Current Token

This token is only available to you. Sync the token to let collaborators on this request use it.

Token: MyToken

Expires at 2:47 PM today. [Refresh](#)

Header Prefix: Bearer

5. On the Params tab, input your desired values in the Key fields.
- industryIdentifierAgency** – “GLN” for GLN Subet or “EBID” for EBID Subset
 - extractStartDate** - YYYY-MM-DDThhmmss.millisecond (2026-01-01T05:00:00.000Z)
 - extractEndDate**: YYYY-MM-DDThhmmss.millisecond (2026-05-05T05:00:00.000Z)
 - page** – Enter the page number. Pagination allows for 5,000 results per page

My Collection > Get data Save Share

GET <https://rest.agilis.org/api/v1/extract/updated-entities?industryIdentifierAgency=GLN&extractStartDate=2026-01-01T05:00:00.000Z&extractEndDa...> Send

Docs Params **Authorization** Headers 10 Body Scripts Settings

Query Params

Key	Value	Description	Bulk Edit
✓ industryIdentifierAgency	GLN		
✓ extractStartDate	2026-01-01T05:00:00.000Z		
✓ extractEndDate	2026-05-05T05:00:00.000Z		
✓ page	1		
Key	Value	Description	

6. On the Headers tab, enter the Key “Content-Type” and the Value as, “application/x-www-form-urlencoded”

The screenshot shows the 'Headers' tab of a REST client interface. The URL bar contains a GET request to `https://rest.agilis.org/api/v1/extract/updated-entities?industryIdentifierAgency=GLN&extractStartDate=2026-01-01T05:00:00.000Z&extractEndDa...`. The 'Headers' tab is selected, showing a table with one header entry:

Key	Value	Description	Bulk Edit	Presets	...
Content-Type	application/x-www-form-urlencoded				

7. On the Body tab, under **KEY** add “grant_type” and “scope” with the corresponding values in the **Value** field of “client_credentials” and “agilisrest” as shown below.

The screenshot shows the 'Body' tab of the REST client. The 'Content-Type' is set to 'x-www-form-urlencoded'. The body is configured as form-data with the following key-value pairs:

Key	Value	Description	Bulk Edit	...
grant_type	client_credentials			
scope	agilisrest			

8. On the “Scripts” tab, if there are any pre-populated scripts, these can be deleted.

The screenshot shows the 'Scripts' tab of the REST client. It displays a pre-request script with the following text:

```
1 Use JavaScript to write tests, visualize response, and more.
```

9. Press the Send button in the top right corner.

The screenshot shows the REST client interface with the 'Send' button highlighted in the top right corner. The 'Params' tab is selected, showing a table with query parameters:

Key	Value	Description	Bulk Edit	...
industryIdentifierAgency	GLN			
extractStartDate	2026-01-01T05:00:00.000Z			
extractEndDa...				

10. Results are displayed in the Body and may be expressed as XML or JSON

GET https://rest.agilis.org/api/v1/extract/updated-entities?industryIdentifierAgency=GLN&extractStartDate=2026-01-01T05:00:00.000Z&extractEndDa...

Docs Params Authorization Headers 10 Body Scripts Settings

Cookies

Query Params

Key	Value	Description	Bulk Edit	...
☒ industryIdentifierAgency	GLN			
☒ extractStartDate	2026-01-01T05:00:00.000Z			
☒ extractEndDate	2026-05-05T05:00:00.000Z			
☒ page	1			
Key	Value	Description		

Body Cookies Headers 7 Test Results

200 OK 3.47 s 6.56 KB Save Response

```
{
  "paginationResponse": {
    "pageNumber": 1,
    "pageSize": 5000,
    "totalCount": 44,
    "totalPages": 1
  },
  "body": {
    "entityExtractSearchOutboundDetails": [
      {
        "glid": "0199700244903",
        "lastModifiedDateTime": "20260112T084624",
        "actionCode": "Update",
        "companyName": "HARVEY FERTILIZER AND GAS CO"
      },
      {
        "glid": "0199700244903",
        "lastModifiedDateTime": "20260112T084824",
        "actionCode": "Update",
        "companyName": "HARVEY FERTILIZER & GAS CO"
      },
      {
        "glid": "1100065246777",
        "lastModifiedDateTime": "20260116T124905",
        "actionCode": "Update",
        "companyName": "SHAWN VARBLE"
      },
      {
        "glid": "1100065188046",
        "lastModifiedDateTime": "20260119T102517"
      }
    ]
  }
}
```