Product Search Endpoint

Pre-requisites

This endpoint performs product search queries using Elasticsearch. Make sure your product documents are indexed before using this route:

```
php artisan aero:search:reindex --type=product
```

> You must run this command **after** installing the API.

Structure

See View Product Endpoint for the structure of the order payload inside the data array.

Name	Description	Example
`active`	Only return active products	`?scope=active`
`inactive`	Only return inactive products	`?scope=inactive`
`visible`	Only return visible products	`?scope=visible`
`hidden`	Only return hidden products	`?scope=hidden`
`categorised`	Only return products that are in a category	`?scope=categorised`
`un-categorised`	Only return products that aren't in a category	`?scope=un-categorised`
`published`	Only return published products	`?scope=published`
`unpublished`	Only return unpublished products	`?scope=unpublished`
`scheduled`	Only return scheduled to be published products	`?scope=scheduled`
`has-stock`	Only return products that have stock	`?scope=has-stock`

`out-of-stock`	Only return products that don't have stock	`?scope=out-of-stock`
`not-tracking-stock`	Only return products that aren't tracking stock	`?scope=not-tracking-stock`
`reduced`	Only return reduced products	`?scope=reduced`
`not-reduced`	Only return non-reduced products	`?scope=not-reduced`
`has-images`	Only return products that have images	`?scope=has-images`
`no-images`	Only return products that don't have images	`?scope=no-images`

Filters

Name	Description	Example
`manufacturers`	Only return products with specific manufacturer ids (or names)	`?manufacturers=1,burberry`
`tags`	Only return products with specific tag ids (or names formatted as `group|name`)	`?tags=1,colour|red`
`barcodes`	Only return products with specific barcodes	`?barcodes=123,abc`
`references`	Only return products with specific references	`?references=123,abc`
`price`	Only return products with specific price in whole units (e.g. pounds, not pence)	`?price=123`
`min_price`	Only return products with price above min price in whole units (e.g. pounds, not pence)	`?min_price=123`
`max_price`	Only return products with price below max price in whole units (e.g. pounds, not pence)	`?max_price=123`
`stock_level`	Only return products with specific stock level	`?stock_level=1`
`min_stock_level`	Only return products with stock above specific stock level	`?min_stock_level=1`
`max_stock_level`	Only return products with stock below specific stock level	`?max_stock_level=10`
`type`	Only return products of a certain type (e.g. simple or variant)	`?type=variant`

`models`	Only return products with specific models	`?models=ABC,DEF`
`skus`	Only return products with variants that have specific SKUs	`?skus=ABC-123,DEF-456`

> The `tags` filter applies AND logic across groups and OR logic within groups:
>
> - `?tags=size|small,colour|red` = small **and** red.
> - `?tags=colour|red,colour|green` = red **or** green.

> Plural filters can also be used in singular form, e.g. `?manufacturer=burberry` for `?manufacturers=burberry`.

Example Request

```
GET /api/products/search?per_page=2&min_updated_at=2023-08-
30%2010:36:23&min_stock_level=1&max_stock_level=10
```

Example Response


```
{
    "current_page": 1,
    "data": [
        //...
    ],
    "first_page_url": "http://aero.test/api/products?page=1",
    "from": 1,
    "last_page": 16,
    "last_page_url": "http://aero.test/api/products?page=16",
    "next_page_url": "http://aero.test/api/products?page=2",
    "path": "http://aero.test/api/products",
    "per_page": 2,
    "prev_page_url": null,
    "to": 2,
    "total": 32
}
```

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