SEO Site Checkup

https://apexmolecular.com/

Report generated on Mar 13, 2024

SEO Score
75/100

11 Failed

7 Warnings

55 Passed

Common SEO issues

5 Failed   **3** Warnings   **17** Passed

✓ Meta Title Test

This webpage is using a title tag.

> **Text:** Home - Apex MolecularApex Molecular
> **Length:** 35 characters

⚠ Meta Description Test

This webpage is using a meta description tag with a length of **225 characters.** We recommend using well-written and inviting meta descriptions with a length **between 150 and 220 characters** (spaces included).

> **Text:** We are a leading provider of specialist chemistry services to the pharmaceutical, biotechnology and applied chemistry sectors. Apex offers FFS and FTE contracts for bespoke custom synthesis and medicinal chemistry projects %
> **Length:** 225 characters

SEO Site Checkup

◎ Google Search Results Preview Test

Desktop version

https://apexmolecular.com/

Home - Apex MolecularApex Molecular

We are a leading provider of specialist chemistry services to the pharmaceutical, biotechnology and applied chemistry sectors. Apex offers FFS and FTE contracts fo...

Mobile version

https://apexmolecular.com/

Home - Apex MolecularApex Molecular

We are a leading provider of specialist chemistry services to the pharmaceutical, biotechnology and applied chemistry sector...

✅ Social Media Meta Tags Test

This webpage is using social media meta tags.

Open Graph Meta Tags	
og:locale	en_US
og:type	website
og:title	Home - Apex Molecular
og:description	We are a leading provider of specialist chemistry services to the pharmaceutical, biotechnology and applied chemistry sectors. Apex offers FFS and FTE contracts for bespoke custom synthesis and medicinal chemistry projects %
og:url	https://apexmolecular.com/
og:site_name	Apex Molecular

Twitter Card Meta Tags	
twitter:card	summary_large_image
twitter:site	@ApexMolecular

SEO Site Checkup

◉ Most Common Keywords Test

There is likely no optimal keyword density (search engine algorithms have evolved beyond keyword density metrics as a significant ranking factor). It can be useful, however, to note which keywords appear most often on your page and if they reflect the intended topic of your page. More importantly, the keywords on your page should appear within natural sounding and grammatically correct copy.

| 15 chemistry | 14 apex | 14 molecular | 12 help | 11 synthesis |

❌ Keywords Usage Test

The most common keywords of this webpage are not distributed across the important HTML tags! Primary keywords should appear in title tag, meta description and heading tags to help Search Engines to properly identify the topic of this webpage.

Keyword	Title tag	Meta description	Headings
chemistry	✗	✓	✓
apex	✓	✓	✗
molecular	✓	✗	✗
help	✗	✗	✗
synthesis	✗	✓	✗

◎ Keywords Cloud Test

2 adcs	3 alderley	14 apex	2 apexmolecular	2 applied	2 approach	3 available	
2 biotechnology	2 case	2 challenges	3 chemical	15 chemistry	2 clients	2 clinical	
1 collaborators	2 complete	2 compound	9 compounds	2 computational	2 contact		
3 controlled	4 custom	4 customers	2 delay	5 development	2 direct	3 directly	
4 discovery	4 drug	3 enabling	2 ensuring	2 equipment	2 equivalent	2 experience	
4 expertise	7 facilities	2 flexible	2 focus	2 gives	12 help	2 high	6 highly
2 including	2 info	2 intermediates	2 isotopically	2 labelled	2 laboratories		
3 laboratory	2 latest	2 leading	2 life	2 linkers	2 managed	2 medicinal	4 meet
2 metabolites	2 minimum	14 molecular	2 molecule	2 needs	3 news	3 operate	
2 park	2 pharmaceutical	2 portfolios	2 potent	6 project	4 projects	2 provide	
2 providing	3 purchase	2 quantities	3 range	2 rapid	3 recruitment	3 required	
2 research	2 risk	9 scale	2 sciences	3 sectors	2 selection	2 service	2 serviced
6 services	3 small	2 specialised	3 specialist	2 staff	2 state	3 studies	
3 substances	11 synthesis	3 synthesise	3 synthesised	2 testing	4 time	2 toxins	
2 wide							

◎ Related Keywords Test

This URL is currently ranked in the top 20 organic Google listings for the search terms below:

- apex chemistry
- apex chemistry
- apex chemical
- olefin metathesis mechanism
- olefins metathesis
- olefin metathesis
- schrock catalyst
- metathesis mechanism
- alkene metathesis mechanism
- metathesis chemistry

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◎ Competitor Domains Test

This domain has an Authority Score of **16/100** while the **Average Authority Score** of top 100 sites is **89.5**. Some of the most relevant competitors for this domain are listed below:

✅ Heading Tags Test

This webpage contains headings tags.

H1 tags

Enabling your ideas, the chemistry of discovery

H2 tags

What we do

Our facilities

Latest News

✅ Robots.txt Test

Congratulations! Your site uses a "robots.txt" file.

https://apexmolecular.com/robots.txt

✅ Sitemap Test

This website has a sitemap file.

https://apexmolecular.com/sitemap_index.xml

❌ SEO Friendly URL Test

This webpage contains URLs that are not SEO friendly!

How to pass this test?

In order for URLs to be SEO friendly, they should be clearly named for what they are and contain no spaces, underscores or other characters. You should avoid the use of parameters when possible, as they are make URLs less inviting for users to click or share.

- If your website is new and is not indexed by search engines you can replace underscores with hyphens or redirect those links to URLs that use hyphens.BUT, if your website is ranked well by search engines you do not need to do this (probably you have other ranking factors working very well).

- The general advice remains: build links that contain hyphens rather than underscores and avoid dynamic URLs.

✖ Image Alt Test

This webpage is using "img" tags with empty or missing "alt" attribute!

How to pass this test?

In order to pass this test you must add an **alt** attribute to every **<img>** tag used into your webpage.

An image with an alternate text specified is inserted using the following HTML line:

```
<img src="image.png" alt="text_to_describe_your_image">
```

Remember that the point of alt text is to provide the same functional information that a visual user would see. Search engines, users who disabled images in their browsers and other agents who are unable to see the images on your webpage can read the alt attributes assigned to the image since they cannot view it.

Learn more about optimizing images for SEO.

✖ Responsive Image Test

Not all images in this webpage are properly sized! This webpage is serving images that are larger than needed for the size of the user's viewport.

How to pass this test?

This issue can be fixed by using responsive images, which relies on creating multiple versions of each image, that are served via CSS media queries depending on the user's viewport dimensions.

Another solution can be to use vector-based image formats like SVG. SVG images scale appropriately to any size, without wasting unnecessary bandwidth. Also consider image CDNs that can help serve responsive images.

✔ Image Aspect Ratio Test

All image display dimensions match the natural aspect ratio.

❌ Inline CSS Test

This webpage is using inline CSS styles!

How to pass this test?

It is a good practice to move all the inline CSS rules into an external file in order to make your page "lighter" in weight and decrease the code to text ratio.

- check the HTML code of your page and identify all style attributes

- for each style attribute found you must properly move all declarations in the external CSS file and remove the style attribute

For example:

```
<!--this HTML code with inline CSS rule:-->
<p style="color:red; font-size: 12px">some text here</p>

<!--would became:-->
<p>some text here</p>

<!--and the rule added into your CSS file:-->
p{color:red; font-size: 12px}
```

✅ Deprecated HTML Tags Test

This webpage does not use HTML deprecated tags.

✅ Google Analytics Test

This webpage is using Google Analytics.

✅ Favicon Test

apex This website appears to have a favicon.

SEO Site Checkup

⦿ Backlinks Test

This domain has an Authority Score of **16/100** while the **Average Authority Score** of top 100 sites is **89.5**. Also, this domain has **406 backlinks** from **94 referring domains** and some recently found backlinks are listed below:

MAR 11, 2024	https://www.chemryt.com/country/England
MAR 9, 2024	https://www.cbs-alt.ru/bruker-avance-iii-hd-400-k.html
MAR 9, 2024	http://www.soci.org/events/fine-chemicals-group/2023/sci--rsc-22nd-medicinal-chemistry-sympos...
MAR 9, 2024	http://www.soci.org/events/fine-chemicals-group/2024/4th-sci--rsc-symposium-on-anti-infectives-...
MAR 6, 2024	http://www.soci.org/events/young-chemists-panel/2024/undergraduate-research-symposium-an...
MAR 5, 2024	https://webtoady.com/business/england/apex-molecular-ltd/
MAR 4, 2024	https://webtoady.com/region/england/research/15/
MAR 1, 2024	https://www.rscbmcs.org/events/sddd24/
FEB 24, 2024	https://domains.tntcode.com/ip/34.89.105.107
FEB 22, 2024	https://www.soci.org/events/fine-chemicals-group/2024/4th-sci--rsc-symposium-on-anti-infective...

✅ JS Error Test

There are no severe JavaScript errors on this webpage.

⚠️ Console Errors Test

This webpage has some warnings caught by the Chrome DevTools Console!

How to pass this test?

In order to pass this test, you have to fix all the warnings reported in Chrome DevTools console. You can also visit Google's documentation for further troubleshooting support: https://developer.chrome.com/docs/devtools/issues/

✅ Charset Declaration Test

This webpage has a character encoding declaration.

> *Content-Type: text/html; charset=UTF-8*

✅ Social Media Test

This webpage is connected successfully with social media using:
Twitter

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Speed optimizations

5 Failed   **3** Warnings   **17** Passed

✅ HTML Page Size Test

The size of this webpage's HTML is **13.33 Kb** and is under the average webpage's HTML size of **33 Kb**. Faster loading websites result in a better user experience, higher conversion rates, and generally better search engine rankings.

✅ DOM Size Test

The Document Object Model (DOM) of this webpage has **305 nodes** which is less than the recommended value of 1,500 nodes.

✅ HTML Compression/GZIP Test

This webpage is successfully compressed using **br compression** on your code. The HTML code is compressed from **63.31 Kb** to **13.33 Kb** (**79% size savings**). This helps ensure a faster loading webpage and improved user experience.

❌ Site Loading Speed Test

The loading time of this webpage (measured from N. Virginia, US) is around **9.65 seconds** and is greater than the average loading speed which is **5 seconds**!

How to pass this test?

In order to resolve this problem you are advised to:

- Minimize HTTP requests
- Use Gzip compression
- Use HTTP caching
- Move all CSS style rules into a single, external and minified CSS file
- Minify all JS files and, if possible, try combining them into a single external JS file
- Include external CSS files before external JS files
- Place your JS scripts at the bottom of your page
- Optimize images
- Reduce redirects
- Reduce the number of plug-ins

✅ JS Execution Time Test

The JavaScript code used by this webpage is executed in less than **2 seconds**.

❌ Page Objects Test

This webpage is using more than **20 http requests**, which can slow down page loading and negatively impact user experience!

Content size by content type

Content type	Percent	Size
Image	77.5 %	4.66 Mb
Javascript	15.4 %	951.87 Kb
Font	3.0 %	185.24 Kb
Css	2.3 %	139.22 Kb
Html	1.6 %	100.12 Kb
Other	0.2 %	10.13 Kb
TOTAL	**100%**	**6.02 Mb**

Requests by content type

Content type	Percent	Requests
Image	28.4 %	25
Javascript	26.1 %	23
Html	15.9 %	14
Css	13.6 %	12
Font	9.1 %	8
Other	6.8 %	6
TOTAL	**100%**	**88**

Content size by domain

Domain	Percent	Size
apexmolecular.com	82.6 %	4.97 Mb
unpkg.com	4.3 %	261.97 Kb
gstatic.com	3.6 %	221.28 Kb

maps.googleapis.com	2.8 %	175.33 Kb
googletagmanager.com	2.5 %	156.09 Kb
fonts.gstatic.com	1.8 %	109.81 Kb
google.com	0.7 %	44.79 Kb
player.cloudinary.com	0.7 %	41.13 Kb
res.cloudinary.com	0.5 %	32.84 Kb
google-analytics.com	0.3 %	20.82 Kb
Other	0.2 %	10.81 Kb
TOTAL	**100%**	**6.02 Mb**

Requests by domain

Domain	Percent	Requests
apexmolecular.com	47.7 %	42
googletagmanager.com	11.4 %	10
fonts.gstatic.com	8.0 %	7
google.com	5.7 %	5
maps.googleapis.com	4.5 %	4
gstatic.com	3.4 %	3
fonts.googleapis.com	2.3 %	2
player.cloudinary.com	2.3 %	2
google-analytics.com	2.3 %	2
unpkg.com	2.3 %	2
Other	10.2 %	9
TOTAL	**100%**	**88**

✅ Page Cache Test (Server Side Caching)

This webpage is using a caching mechanism. Caching helps speed page loading times as well as reduces server load.

✅ Flash Test

This webpage does not include flash objects (an outdated technology that was sometimes used to deliver rich multimedia content). Flash content does not work well on mobile devices, and is difficult for crawlers to interpret.

⚠️ CDN Usage Test

This webpage is not serving all resources (images, javascript and css) from CDNs!

How to pass this test?

In order to pass this test you are advised to use a CDN service. A Content Delivery Network (CDN) is a globally distributed network of web servers that allows a quick transfer of assets and provides high availability and high performance. The primary benefits of using a CDN service are:

- Improving website loading times

- Reducing bandwidth costs

- Increasing content availability and redundancy

- Improving website security

❌ Modern Image Format Test

This webpage is not serving images in a modern format! Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

How to pass this test?

In order to pass this test, convert all the images listed in this report into a modern image format such as JPEG 2000, JPEG XR or WebP.

It's important to understand that the modern image formats, like WebP, are not yet widely supported across all devices and browsers. You can find here a full list of supported browsers and devices for the WebP format.

If your target audience falls within one of the unsupported browser/device categories, you should serve optimized fall-back images in the original JPEG/PNG format so that your users don't see a broken or badly designed page:

```
<!--Before:-->
<img src="image.jpg" alt="">

<!--After:-->
<picture>
    <source type="image/webp" srcset="image.webp">
    <img src="image.jpg" alt="">
</picture>
```

The browser uses the first listed source that's in a format it supports. If the browser does not support any of the formats listed in the "source" tags, it falls back to loading the image specified by the "img" tag.

✅ Image Metadata Test

This webpage is not using images with large metadata.

✅ Image Caching Test

This website is using cache headers for images and the browsers will display these images from the cache.

✅ JavaScript Caching Test

This webpage is using cache headers for all JavaScript resources.

✅ CSS Caching Test

This webpage is using cache headers for all CSS resources.

✅ JavaScript Minification Test

All JavaScript files used by this webpage are minified.

✅ CSS Minification Test

All CSS resources used by this webpage are minified.

❌ Render Blocking Resources Test

This webpage is using render blocking resources! Eliminating render-blocking resources can help this webpage to load significantly faster and will improve the website experience for your visitors.

How to pass this test?

In order to pass this test, you have to reduce the impact of render-blocking resources.

First, you have to identify what's critical and what's not. You can use the Chrome DevTools (Coverage tab) to identify non-critical CSS and JS.

Once you've identified critical code, you can try the below methods to eliminate render-blocking resources:

- inline critical JS within a script tag in your HTML document

- inline critical CSS required for the first paint inside a style block in the head of the HTML document

- move the script and link tags at the end of the HTML document

- add async or defer attributes to non-critical script or link tags

- split CSS styles into different files, organized by media query

- compress and minify your text-based resources

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✅ Nested Tables Test

This webpage is not using nested tables. This speeds up page loading time and optimizes the user experience.

✅ Frameset Test

This webpage does not use frames.

✅ Doctype Test

This webpage has a doctype declaration.

> *<!DOCTYPE html>*

✅ URL Redirects Test

This URL doesn't have any redirects (which could potentially cause site indexation issues and site loading delays).

⚠️ Largest Contentful Paint Test

The Largest Contentful Paint duration of this webpage is **3.04** seconds. To provide a good user experience, Google recommends that sites should strive to have Largest Contentful Paint of **2.5** seconds or less.

> **Largest Contentful Paint element within the viewport:**
>
> **Text:** *Case Studies Recruitment info@apexmolecular.com 01625 238885 How we can help...*
> **Html:** *<div id="body" style="background-image: url(https://apexmolecular.com/wp...">*

How to pass this test?

The reason Google chose LCP as a relevant SEO metric is that it directly influences user experience. The loading of the biggest element on a page determines how quickly the user will be able to view its contents and interact with it. For most websites, you can improve the Largest Contentful Paint by sticking to a few guiding principles:

- Try to reduce the server response time.

- Eliminate as many render-blocking resources (CSS and JavaScript) as possible.

- Optimize the loading times for resources on the webpage.

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✅ Cumulative Layout Shift Test

The CLS score of this webpage is **0.0447**. To provide a good user experience, Google recommends that sites should strive to have a CLS score of **0.1** or less.

> **DOM element which contributes the most to CLS score:**
>
> **Text:** Enabling your ideas, the chemistry of discovery We are a leading provider of sp...
> **Html:** *<section class="hp_header">*
> **Score:** 0.0430

Server and security

1 Failed	**0** Warnings	**9** Passed

✅ URL Canonicalization Test

https://apexmolecular.com/ and https://www.apexmolecular.com/ resolve to the same URL.

✅ SSL Checker and HTTPS Test

This website is successfully using HTTPS, a secure communication protocol over the Internet.

- ✅ The certificate is not used before the activation date.
- ✅ The certificate has not expired.
- ✅ The hostname "apexmolecular.com" is correctly listed in the certificate.
- ✅ The certificate should be trusted by all major web browsers.
- ✅ The certificate was not revoked.
- ✅ The certificate was signed with a secure hash.

Certificate Chain:

Server certificate	
Common Name	www.apexmolecular.com
Subject Alternative Names (SANs)	apexmolecular.com, cpanel.apexmolecular.com, cpcalendars.apexmolecular.com, cpcontacts.apexmolecular.com, mail.apexmolecular.com, webdisk.apexmolecular.com, webmail.apexmolecular.com, www.apexmolecular.com
Not Valid Before	Wed, February 14th 2024, 4:07:46 am (UTC)
Not Valid After	Tue, May 14th 2024, 4:07:45 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	R3

Intermediate certificate	
Common Name	R3
Organization	Let's Encrypt
Location	US
Not Valid Before	Fri, September 4th 2020, 12:00:00 am (UTC)
Not Valid After	Mon, September 15th 2025, 4:00:00 pm (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1

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Root certificate	
Common Name	ISRG Root X1
Organization	Internet Security Research Group
Location	US
Not Valid Before	Thu, June 4th 2015, 11:04:38 am (UTC)
Not Valid After	Mon, June 4th 2035, 11:04:38 am (UTC)
Signature Algorithm	sha256WithRsaEncryption
Issuer	ISRG Root X1

✅ Mixed Content Test (HTTP over HTTPS)

This webpage does not use mixed content - both the initial HTML and all other resources are loaded over HTTPS.

✅ HTTP2 Test

This webpage is using the HTTP/2 protocol.

✅ Safe Browsing Test

This website is not currently listed as suspicious (no malware or phishing activity found).

✅ Server Signature Test

The server signature is off for this webpage.

✅ Directory Browsing Test

Directory browsing is disabled for this website.

✅ Plaintext Emails Test

This webpage does not include email addresses in plaintext.

✅ Unsafe Cross-Origin Links Test

This webpage is not using **target="_blank"** links without **rel="noopener"** or **rel="noreferrer"** attribute.

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Mobile usability

0 Failed   **0** Warnings   **3** Passed
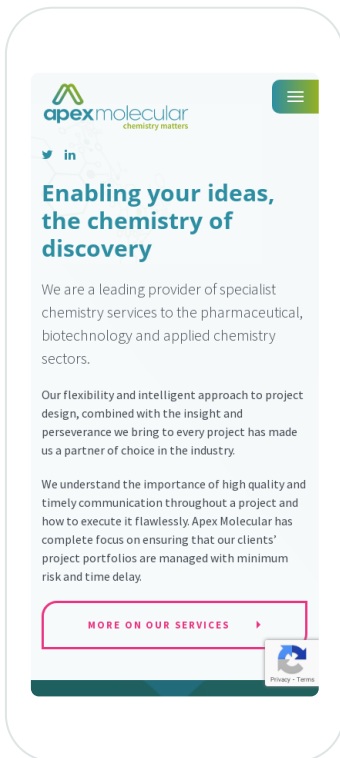
✅ Meta Viewport Test

This webpage is using a viewport meta tag.

> *<meta name="viewport" content="width=device-width, height=device-height, initial-scale=1.0" />*

✅ Media Query Responsive Test

This webpage is using CSS media queries, which is the base for responsive design functionalities.

◎ Mobile Snapshot Test

SEO Site Checkup

Advanced SEO

0 Failed   **1** Warnings   **9** Passed

✅ **Structured Data Test**

This webpage is using structured data.

✅ **Custom 404 Error Page Test**

This website is using a custom 404 error page. We recommend to have a custom 404 error page in order to improve the website's user experience by letting users know that only a specific page is missing/broken (and not the entire site), providing them helpful links, the opportunity to report bugs, and potentially track the source of broken links.

✅ **Noindex Tag Test**

This webpage does not use the noindex meta tag. This means that it can be indexed by search engines.

✅ **Canonical Tag Test**

This webpage is using the canonical link tag. This tag specifies that the URL: https://apexmolecular.com/ is preferred to be used in search results. Please ensure that this specification is correct, as canonical tags are often hard-coded and may not always reflect the latest changes in a site's URL structure.

> *<link href="https://apexmolecular.com/" rel="canonical"/>*

◉ **Nofollow Tag Test**

This webpage does not use the nofollow meta tag. This means that search engines will crawl all links from this webpage.

◉ **Disallow Directive Test**

Your robots.txt file includes a disallow command which instructs search engines to avoid certain parts of your website! You are advised to confirm if access to these resources or pages are intended to be blocked (e.g., if they contain internal-only content or sensitive information).

✅ **Meta Refresh Test**

This webpage is not using a meta refresh tag.

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✅ SPF Records Test

This DNS server is using an SPF record.

> *v=spf1 ip4:51.179.189.6 include:spf.protection.outlook.com -all*

⚠️ Ads.txt Validation Test

This website doesn't use an ads.txt file! Ads.txt is a text file that contains a list of Authorized Digital Sellers. The purpose of ads.txt files is to give advertisers and advertising networks the ability to verify who is allowed to sell advertising on your website.