



20 February 2020

Dear Valued CV Sciences Supporter:

We are reaching out to address a recent article published by the Cincinnati Enquirer (USA TODAY Network) regarding laboratory testing of several brands of CBD consumer products, including our PlusCBD™ brand capsules. Consumer safety is our top priority and we want to reassure you, as stated in this Enquirer article that none of the test results equate to a safety concern. CV Sciences partners with experienced and trusted European hemp farmers that adhere to rigorous growing standards. We test all incoming material throughout processing, and we test for purity, potency and environmental contaminants in all finished products. Environmental contaminants are an unfortunate fact when working with any plant, organic or non-organic, and CV Sciences uses industry best practices to ensure consumer safety.

In the event you or your staff are approached with concerns related to this article, we've taken the liberty to provide you with our response, which you may share at your discretion.

1. While we share the author's concerns about CBD product quality, we believe this article does not provide helpful information for consumers and that it will lead to further confusion on how to find a safe and effective hemp-derived CBD product.
 - a. Trace amounts of environmental contaminants are found in all-natural foods and drinks and the levels reported in this article are not uncommon or a concern to health. Reporting trace levels that pose no threat to health is neither helpful nor newsworthy.
 - b. The article provides some helpful consumers information in its recommendation for consumers to look for QR codes that link to independent, third-party testing lab results. CV Sciences products labels include QR codes that show test results for each product, which include tests for pesticides and heavy metals.
2. Consumer safety is our top priority and all finished products are tested for purity, potency, and environmental contaminants.
3. As stated in the article, none of the test results from CV Sciences products represent any risk to health.

Additional Points to Consider:

4. What's missing from the article is that CV Sciences product labels clearly list the given amount of CBD per product, and laboratory analysis verifies these CBD levels.
5. Testing standards for hemp are rapidly evolving and CV Sciences follows industry best practices for which contaminants to test for and their corresponding acceptable amount.
 - a. Currently, there are 33 states that have legalized marijuana, each having different standards pertaining to which contaminants to test for and the acceptable amount. Furthermore, drinking water and other consumable items have separate standards.
6. EPA considers the Fungicide Trifloxystrobin harmless to humans.



CV SCIENCES™

7. EPA has not set limits for Trifloxystrobin in hemp, but allows trace amounts in the following food:

Food	Trifloxystrobin EPA allowed limit ppb (parts per billion)	Compared to levels reported in PlusCBD™ (12.36 ppb)
Hops	11,000 ppb	0.1%
Grapes, Raisin	5,000 ppb	0.2%
Tea	5,000 ppb	0.2%
Rice	3,500 ppb	0.3%

Levels reported in PlusCBD™ Oil (12.36 ppb) are significantly lower than EPA safe levels for commonly consumed foods.

8. The Bureau of Cannabis Control (BCC) sets Trifloxystrobin limits at 30ppm (30000 ppb). CV Sciences products tested at 2,400 times lower than BCC safe levels (12.36 ppb vs. 30,000 ppb).
9. Environmental contaminants including heavy metals (e.g., lead and arsenic) are ubiquitous in our environment and found in ALL food and supplements at low levels. We test every batch for heavy metals. Results verify that our products are significantly below the limits for nutritional supplements under FDA rules. Test results are available upon request.

We stand behind the quality of our products and would like you to rest assured these claims are being addressed accordingly.

Please contact education@cvsciences.com for further inquiries or support.

Sincerely,

Douglas MacKay, N.D.
Senior Vice President of Scientific & Regulatory Affairs
CV Sciences, Inc.