

Cannabis New Matrix Checklist

Thank you for trusting CARO with your project!

With over 34 years of analytical experience, CARO is happy to support you with bringing your new products to the market by providing matrix verification and method validation services. As we've seen through working with cannabis clients since 2018, these documents are integral to the acceptance of new products in the market.

By providing us with the following information, we'll be able to determine the best approach to analyzing your product, to provide you with high quality, reliable results.

1. Describe the product and any ingredients it contains:

2. Analysis Request - Please check off required parameters from the list, and indicate your preferred method by circling USP or EP where applicable. Please include a list of requested DLs and associated units as a separate attachment.

<input type="checkbox"/> Potency and Cannabinoids
<input type="checkbox"/> Terpenes
<input type="checkbox"/> Foreign Matter
<input type="checkbox"/> Loss on Drying
<input type="checkbox"/> Pesticides
<input type="checkbox"/> Aflatoxins
<input type="checkbox"/> Ochratoxins

<input type="checkbox"/> Heavy Metals
<input type="checkbox"/> Residual Solvents
<input type="checkbox"/> TAMC/TYMC - USP / EP
<input type="checkbox"/> BTGN - USP / EP
<input type="checkbox"/> Salmonella - USP / EP
<input type="checkbox"/> E. coli - USP / EP
<input type="checkbox"/> S. aureus/P. aeruginosa - USP / EP

3. If available, please provide us with the number of samples you are expecting to submit on a monthly basis.

VALIDATION PACKAGES – Please choose one:

**Please note that timelines are approximate and additional investigations may be required. Pricing for validation packages is dependent on the number of sample runs required.*

 **Matrix Verification** - Used to test the suitability of a standard method, on a new matrix. It typically includes 2 matrix spikes and a blank to have empirical evidence that the matrix works with our current method for your product.

 **2 weeks min**

 **New Method Validation** - Is used to test a brand new method on your product. This typically includes 8 precision and accuracy spikes at a mid-level concentration, and 8 spikes at a low-level concentration to calculate the detection limit.

 **8 weeks**

Once you have completed all sections of the form please send it back to your Sales Scientist or Account Manager with any necessary supporting documentation. Upon successful verification or validation, CARO will provide you with a customized validation document for your new product, so you can frame it in your office ASAP!



Have any questions?

Feel free to contact us at teamcaro@caro.ca and we'll be happy to help you out!

Caring About Results...Obviously