



## Cannabis Analyzer for Potency – a complete turnkey HPLC analyzer for quantitative determination of cannabinoid content

### ❖ Comprehensive package for analysis of cannabis potency

The Shimadzu Cannabis Analyzer for Potency captures the spirit of an Analyzer – a comprehensive package integrating instrument hardware, software, consumables, and analytical workflow. Includes a certified reference material (CRM) mixture of target compounds. Also includes a service package to cover preventive maintenance and warranty for three years, plus free technical support for the life of the product. The solution is ready to use after one day of installation and testing, and requires no time-consuming method development on the part of the analyst.

Target Compound List
Tetrahydrocannabivarin (THCV)
$\Delta$ 8-Tetrahydrocannabinoid ( $\Delta$ 8-THC)
$\Delta$ 9-Tetrahydrocannabinoid ( $\Delta$ 9-THC)
$\Delta$ 9-Tetrahydrocannabinolic acid (THCA)
Cannabidiol (CBD)
Cannabidiolic acid (CBDA)
Cannabidivarin (CBDV)
Cannabinol (CBN)
Cannabigerol (CBG)
Cannabigerolic acid (CBGA)
Cannabichromene (CBC)

### ❖ Turnkey HPLC Analyzer

The package is designed for potency determination through quantitation of the active constituents. It includes all required hardware, software, consumables, and analysis workflow so the analyst is running samples in the shortest possible time.

### ❖ Choice of 3 Proven HPLC Methods

Three proprietary instrument methods to meet your analytical objectives. No need to spend valuable lab time developing methods – just run samples.

### ❖ 3 Years Warranty and Preventive Maintenance

Never worry about whether your potency analyzer will be fully functional and running samples.





# Cannabis Analyzer for Potency



## ❖ High Throughput HPLC Method Package

The High Throughput method is designed for analysis of the 10 most commonly requested cannabinoids in under 8 minutes. This is the original method developed by Shimadzu in collaboration with industry laboratories. (Does not include THCv.)



## ❖ High Sensitivity HPLC Method Package

The High Sensitivity method adds THCv to the target analyte list, with an instrument cycle time of under 10 minutes. The short analysis time produces the sharpest chromatographic peaks for the best overall sensitivity.



## ❖ High Resolution HPLC Method Package

The High Resolution method presents full baseline resolution for all 11 compounds and an analysis time under 30 minutes. This method is preferred for research purposes, or when additional compounds must be added to the analysis in response to new state regulatory requirements.



## ❖ 3 Year Value Plan

The Three Year Value Plan service agreement provides 3 consecutive and continuous years of full warranty coverage following installation, and scheduled Premium Preventive Maintenance visits.

All three analytical method files are included with the Cannabis Analyzer for Potency Base Package. The three Method Packages include all consumables required to run the method: the analytical column, package of 5 guard columns, guard column holders, the CRM standard and mobile phase.

### Precautions

1. The Cannabis Analyzer for Potency includes information and data that have been obtained by Shimadzu Corporation for the purpose of quantitation of cannabinoids in cannabis extracts. For Research Use Only. Not for use in diagnostic procedures.
2. Customers are responsible for how any results from this analyzer are used.

