

Potency Cost Calculator

This cost calculator will help in estimating the running costs for analyzing cannabinoids using HPLC. As a cannabis testing laboratory, you can estimate the potential revenue generated running HPLC methods for cannabinoids. As a manufacturer, you can estimate savings that can be recognized by testing products internally, using your own HPLC.

Step 1. Choose the cannabinoids you want to analyze per the Agilent potency method.

Step 2. Choose the number of cannabis samples you project to analyze per week.

Step 3. Type in the price per sample and press enter.

Select Cannabinoids in Method

CBDV	CBN
THCV	THC
CBD	(-)- Δ 8-THC
CBG	CBC
CBDA	THCA
CBGA	

Methods Facts and Costs

Injection to injection time	min
Billable samples per week	pcs
Cost per sample	USD

Profit Figures

Price per sample	USD
Revenue per week	USD
Weekly instrument usage cost ¹	USD
Income potential per week	USD

Cost per Sample

Mobile phase (solvents/reagents)	USD	Reagent: standard curve prep	² USD /	³ USD
Stationary phase (column)	USD	Aliquot for standards	² USD /	³ USD
Sample preparation supplies	USD			
Sample preparation reagents	USD	Cost per sample	² USD /	³ USD

¹ Does not include staff and overhead costs

² Preparing one standard curve per five-day week

³ Preparing fresh curve daily

Questions? Contact us at cannabis.inquiries@agilent.com