

Minimum Sample Requirements per Test

Potency/Terpene

Product Type	Minimum Sample Size
Flower/biomass/trim ¹	1.5g
Pre-roll ¹	3 each
Hash/kief ¹	0.75g
Candy/edible (non-gummy)	3 each
Large edible (chocolate bar, cookie, brownie, etc)	1 each
Gummy	3 each
Capsule/Tablet	4 each
Distillate/concentrate/rosin/resin/oil	0.5g
Beverage	1 each
Tinctures	5mL
Topicals – solid/liquid	5g/5mL
Topicals - patches	2 each

¹WA/MC sample weight included to perform Potency analysis

Water Activity/Moisture Content

Product type	Minimum sample size
Flower/biomass/trim	0.5g
Pre-roll	1 each
Food product	0.5g
Hash/kief	0.25g

Pathogens

Product type	Minimum sample size
All products	1.2g

Per Test – Pesticides, Residual Solvents, Heavy Metals

Product type	Minimum sample size
Concentrate	0.75g
Flower	1g

Minimum Sample Requirements per Regulatory Panels

Current Compliance Testing Requirements (per VT CCB, Laboratory Testing Action Limits and Parameters Guidance Document, January 2024)

Product Type	Minimum sample size
Flower (smokable) – potency, water activity, pathogens, pesticides ²	3.7g
Fresh Frozen Biomass – pathogens, pesticides	2.2g
Mechanically extracted concentrates – potency, pathogens, terpenes ³	2.2g
Solvent extracted concentrates – potency, pesticides, heavy metals, residual solvents, terpenes ³	3.25g
Cannabis Infused Products (Topicals, Consumables, & Tinctures) – potency	<i>See Min. Requirements per Test on Page 1</i>

² Five (5) cultivars from the same harvest lot may be submitted individually and the lab may co-mingle for a single pesticide test.

³ Terpene testing required for 1) concentrates intended for inhalation or vaporization that have been decarboxylated, 2) products where terpenes have been removed then reintroduced, 3) any product with added terpenes, and 4) any product that indicates terpene content on label.

Intra-Batch Potency Consistency Testing - Beginning/Middle/End (B/M/E)

Please refer to VT CCB guidance documents for intra-batch consistency testing frequency requirements. Each time point sample must be submitted individually in QBench.

Product Type	Sampling for B/M/E
Small edibles – candy, gummies, chocolate pieces	1 each per B/M/E
Large edible – chocolate bar, cookies, brownies	1 each per B/M/E
Tinctures	3mL per B/M/E
Topicals – solid/liquid, patches	Solid/Liquid – 5g/5mL per B/M/E Patches – 1 each per B/M/E
Beverages	1 each per B/M/E