	<b>Panel Analytes with Sample Size Requirements – New Mexico</b>	
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04/21/23  
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 Date

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**1.0 PURPOSE**

The purpose of this work instruction is to serve as a reference when submitting sufficient sample size amount as indicated by panel analysis.

**2.0 SCOPE**

This work instruction applies to Sales and Sample intake during initial client onboarding and for the longevity of client retention.

**3.0 DEFINITIONS**

N/A

**4.0 RESPONSIBILITIES**

**4.1 Quality Assurance Manager or Designee**

Maintain this work instruction and ensures that it is appropriately followed

**4.2 Personnel**

Follow this work instruction. Request assistance if needed.

**5.0 PROCEDURE**

- Provide updates to client as needed to ensure quantity sample is adequate to complete the testing.
- For testing panels outlined by NMRLD Cannabis Control Division (CCD), testing panels will be performed as listed in table 5.1.1 and reported as per the guidelines outlined in the document 16.8.7 NMAC <https://www.srca.nm.gov/parts/title16/16.008.0007.pdf>

### 5.1.1 CCD Compliance Testing Panel

Table 1: Required Testing of Cannabis Products					
Product Category	Potency	Visual Inspection	Microbiological	Residual Pesticides	Residual Solvents
Flower	X	X	X	X	
Trim	X	X	X	X	
Concentrate (volatile solvent)	X		X	X	X
Keif	X	X	X	X	
Pre-rolls	X		X	X	
Concentrate (non-volatile solvent)	X	X	X	X	
Extract – Alcohol	X		X	X	
Extract – other liquid	X		X	X	
Topical	X		X		
Edible	X		X	*	
Other Inhalable	X			*	X
Other	X		X	*	X

\* Residual solvent analysis not required for any product made from cannabis concentrate or extract with verified pesticide residue results, or if product had previously received a verified certificate of analysis from within the past 90 days.


## 5.2 Sample size requirements

Sample size requirements indicated as matrix type of the following flower, pre-roll, concentrate, or edible/final product

- Full Flower Panel: 7g
- Full Concentrate Panel: 5g
- Pre-Rolls and Final Product minimum number of samples increment required for testing varies on the number of serving within production batch.
  - Example: If final product contains 1-99 servings within a production batch, client will send 5 minimum samples for testing.
- CCD Full Compliance Edible Panel: One entire serving size

### 5.2.1 Research & Development Testing

- Cannabinoids Potency (14): Sample amount 3g/3mL
  - Cannabichromenic Acid (CBCA), Cannabichromene (CBC), Cannabidiol (CBD), Cannabidiolic acid (CBDA), Cannabidivarinic Acid (CBDVA), Cannabidivarin (CBDV), Cannabigerol (CBG), Cannabigerolic acid (CBGA), Cannabinol (CBN), delta-8-tetrahydrocannabinol (delta-8-THC), delta-9-tetrahydrocannabinol (delta-9-THC), Tetrahydrocannabinolic acid (THCA),

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Tetrahydrocannabivarin (THCV), and Tetrahydrocannabivarinic Acid (THCVA)

- Pesticides (66): Sample amount 2 g
  - Abamectin, Acephate, Acequinocyl, Acetamiprid, Aldicarb, Azoxystrobin, Baygon (Propoxur), Bifentate, Bifenthrin, Boscalid, Carbaryl, Carbofuran, Chlorantraniliprole, Chlordane, Chlorfenapyr, Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Diazinon, Dichlorvos, Dimethoate, Dimethomorph, Ethoprophos (Prophos), Etofenprox, Etoxazole, Fenhexamid, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Kresoxim-methyl, Malathion, Metalaxyl, Methiocarb, Methomyl, Methyl Parathion, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Pentachloronitrobenzene, Permethrin, Phosmet, Piperonyl Butoxide, Prallethrin, Propiconazole, Pyrethrin, Pyridaben, Spinetoram J,L, Spinosad A, Spinosad D, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiacloprid, Thiamethoxam, Trifloxystrobin
- Mycotoxins (5): Sample amount 3g / 3mL
  - Aflatoxins (B1, B2, G1, and G2), and Ochratoxin A
- Residual Solvents (21): Sample amount 1g / 1mL
  - 1-2-Dichloroethane, Acetone, Acetonitrile, Benzene, Butane, Chloroform, Ethanol, Ethyl Acetate, Ethyl Ether, Heptane, Hexane, Isopropanol, M,P-Xylene, Methanol, Methylene Chloride, O-Xylene, Pentane, Propane, Toluene, Trichloroethylene
- Terpenes (23): Sample amount 1g / 1mL
  - alpha pinene, Camphene, beta-Myrcene, (-)-beta-pinene, delta-3-Carene, Ocimene 1, D-Limonene, p-Cymene, Ocimene 2, Eucalyptol, gamma-Terpinene, Terpinolene, Linalool, (-)- Isopulegol, Geraniol, beta-Carophyllene, alpha-Humulene, Nerolidol 1, Nerolidol 2, (-)- Guaiol, Carophyllene oxide and (-)- alpha-Bisabolol
- Heavy Metals (4): Sample amount 1g / 1mL
  - Lead (Pb), Mercury (Hg), Arsenic (As), and Cadmium (Cd)
- Microbiological: Sample amount 3g / 3mL
  - STEC, Salmonella, and Aspergillus
- Moisture Content and Water activity: Sample amount 1 g
- Filth & Foreign Material Inspection: The entire sample received
  - Visual inspection applied to sample received.

## 6.0 REVISION HISTORY

Rev	Description of Change
0	Initial Release