



CF018.09 – Lab Testing Sample Size Guide

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Performing all necessary tests on one sample? Please supply more than the total minimum test size necessary to ensure all analyses can be completed. Sample sizes must also meet MED sample size requirements.

Marijuana Edible MED minimum sample size		
Production Batch (10 mg THC Servings)	Sample Increments (10 mg THC Servings)	Finished Products (10 serving unit)
1-99	5	2
100-999	8	2
1,000-4,999	15	2
5,000-9,999	22	3
10,000-49,999	33	4
50,000-99,999	43	5
100,000-249,999	53	6
250,000 or more	80	8

Marijuana Flower MED minimum sample size		
Harvest Batch Weight (lbs)	Sample Increments (0.5g samples)	Test Batch Size (Total Grams)
<1	5	2.5
1-9.999	8	4.0
10-19.999	15	7.5
20-39.999	22	11.0
40-99.999	33	16.5
100-199.999	43	21.5
200-499.99	53	26.5
>500	80	40

Marijuana Pre-Rolls MED minimum sample size			
Number of Pre-Rolls within the Production Batch	Minimum Number of Sample Increments Required to be Collected per Test Batch	# of Pre-Rolls (0.40g - 0.50g with ~0.33g flower)	# of Pre-Rolls (0.76g - 1.0g with ~0.77g flower)
0-99	5	4	2
100-999	8	5	3
1000-4999	15	10	5
5000-9999	22	14	8
10000-49999	33	21	11
50000-99999	43	27	15
100000-249999	53	34	18
250000+	80	50	27

Marijuana Concentrate MED minimum sample size		
Production Batch Weight (grams)	Sample Increments (0.25g samples)	Test Batch Size (Total Grams)
<453.5	5	1.25
453.6 - 907.1	8	2.00
907.2 - 2267.9	15	3.75
2268 – 6803.8	22	5.50
6803.9 g – 22.6796 kg	33	8.25
22.6797 kg – 45.3589 kg	43	10.75
45.359 kg – 113.3976 kg	53	13.25
> 113.398 kg	80	20.00

BONA FIDES EDIBLE MINIMUM SIZE PER TEST	
TEST TYPE	Minimum Sample (1 serving unit)
MICROBIALS	1
METALS	3
POTENCY	4

BONA FIDES FLOWER MINIMUM SIZE PER TEST	
TEST TYPE	Minimum Sample (grams)
MICROBIALS	2.00
METALS	1.00
POTENCY	0.50
PESTICIDE	2.00
TERPENES	0.50
WATER ACTIVITY	0.30
MYCOTOXINS	0.50

BONA FIDES PRE-ROLLS MINIMUM SIZE PER TEST		
TEST TYPE	Minimum Sample (# of joints for .5 g joints)	Minimum Sample (# of joints for 1 g joints)
MICROBIALS	4	2
METALS	2	1
POTENCY	2	1
PESTICIDE	4	3
TERPENES	2	1
WATER ACTIVITY	2	1
MYCOTOXINS	1	1

BONA FIDES CONCENTRATE MINIMUM SIZE PER TEST			
TEST TYPE	Minimum Sample		
	(g)	0.5 g carts	1.0 g carts
MICROBIALS	2.00	6	3
METALS	1.00	2	1
POTENCY	0.25	1	1
PESTICIDE	1.00	2	1
TERPENES	0.20	1	1
RESIDUAL SOLVENTS	0.15	1	1
MYCOTOXINS	0.20	1	1
WATER ACTIVITY**	0.30	1	1

*** If submitting Pax pods, please include extra.
 *** 1 g carts only require 6 carts when submitting for full panel.

This sampling size guideline is to be used for informational purposes only.

**Please see 4-115 D (1.5) in the Code of Colorado Regulations for Marijuana (pg.219) for a listing of all products that are required to receive water activity testing