SOP FOR SAMPLE PREPARATION

HASHISH   DRY FLOWERS   FRESH FLOWERS   FRESH LEAVES

VALENVERAS
NeoSpectra™
by Si-Ware

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24

OCTOBER

Objective

To prepare cannabis samples for accurate analysis of cannabinoids, terpenes, and nutrients using the Valenveras Neospectra device.

Scope

This procedure is applicable for preparing dried and ground cannabis samples for NIR analysis.

Responsibility

This SOP is to be followed by end users involved in sample preparation for Neospectra analysis.

Materials & Equipment

A. ELECTRICAL GRINDER
Minimum capacity to accommodate 10 grams of dried flower material or 25 grams of coffee

D. ISOPROPYL ALCOHOL

B. MESH
Size: 1mm mesh

E. OVEN OR AIR FRYER

C. BRUSH

G.WIPES

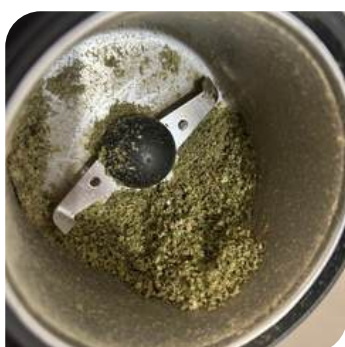# SAMPLE PREPARATION METHODOLOGY FOR NATURAL DRY FLOWERS

Cannabis Analys...

1 - COLLECT THE SAMPLE

Collect cannabis samples ensuring they represent the batch accurately. Handle the samples with gloves to prevent contamination.

2 - GRIND SAMPLES

Grind a minimum of 3 grams of the dried sample using the grinder until the smallest possible particle size is achieved.

Clean the grinder between samples to prevent cross- contamination.

3 - SIEVING

Pass the ground sample through a sieve (e.g., 1mm mesh) to achieve a uniform particle size.

Discard larger particles that do not pass through the sieve.

4 - ANALYZE

Follow the prompts on the Mobile App to complete the analysis.

Note Wipe the calibration tile with a Lint Free Wipe and be sure to not touch the calibration tile prior to background measurement. When introducing the sample for measurement, Use the sample press to ensure a uniform surface and to prevent light loss during the analysis.

SAMPLE PREPARATION METHODOLOGY FOR NATURAL FRESH FLOWERS

1 - COLLECT THE SAMPLE

Collect cannabis samples ensuring they represent the batch accurately. Handle the samples with gloves to prevent contamination.

2 – TRIM SAMPLES

Trim the cannabis as it will appear in the final product. Ensure uniformity to reflect real final flowers.

3 - DRY SAMPLES

Dry the samples using an oven or air cooker set to 140°F (60°C) for 24 hours, or until their weight remains stable.

SAMPLE PREPARATION METHODOLOGY FOR NATURAL FRESH LEAVES

Plant Tissue Can...

1 - COLLECT THE SAMPLE

Collect leaves ensuring they represent the batch accurately. Handle the samples with gloves to prevent contamination.

2 - DRY SAMPLES

Dry the samples using an oven or air cooker set to 140°F (60°C) for 2 hours, or until their weight remains stable.

3 - GRIND SAMPLES

Grind a minimum of 1 grams of the dried sample using the grinder until the smallest possible particle size is achieve. Clean the grinder between samples to prevent cross- contamination.

4 - ANALYZE

Follow the prompts on the Mobile App to complete the analysis.

Note Wipe the calibration tile with a Lint Free Wipe and be sure to not touch the calibration tile prior to background measurement. When introducing the sample for measurement, Use the sample press to ensure a uniform surface and to prevent light loss during the analysis.

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SAMPLE PREPARATION METHODOLOGY FOR SOLID EXTRACT

Solids Extracts

1 - COLLECT THE SAMPLE

Collect cannabis samples ensuring they represent the batch accurately. Handle the samples with gloves to prevent contamination.

2 - PREPARE THE SAMPLE

Place the sample in the sample cup and press it with the sample press. This ensures a uniform surface for analysis.

3- ANALYZE

Start the analysis process. Use the sample press to ensure a uniform surface and to prevent light loss during the analysis.
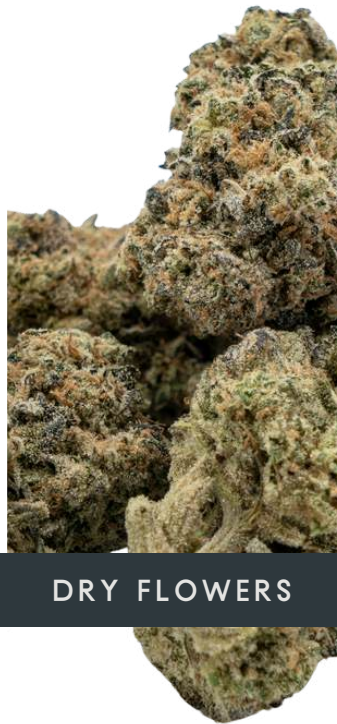
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