

G-CRAC™

STANDARD OPERATING PROCEDURE (SOP)

G-CRAC™ is compatible with all processing solvents. It is suggested for in-line CRC applications or containers that accept granular carbon. The minimum recommended amount is 10% m/m of estimated extract in solution.

SAFETY: Please adhere to the safety and handling instructions in the G-CRAC™ Safety Data Sheet (SDS), included with your shipment, available at mediabros.store, or by emailing sales@mediabros.store.

REQUIRED MATERIALS:

- G-CRAC™ FILTRATION MEDIA
- IN-LINE FILTRATION HOUSING & FILTER
 - CRC COLUMN SIZE: For best results, use a 4-6 inch diameter column.
 - FILTER: Optimized for use with a ≤5-micron screen filter followed by a 0.2-micron, Media Bros Ulti-Filter.

RECOMMENDED CONDITIONS:

SOLVENT-TO-BIOMASS RATIO: 6:1 to 10:1

OPERATING TEMPERATURE: Below -10°C, will not clog due to ice

FLOW RATE: < 1GPM. A needle valve or flow restrictor at the column base improves flow control.

PROCEDURE:

1. **DETERMINE YOUR RATIO.** For every pound of biomass, load 150-250 grams of G-CRAC™ into the filtration housing. The exact amount depends on the quality of the biomass and the desired outcome. Refer to our quick reference table to determine the recommended ratio:

| G-CRAC™ (Media Use Based on Grade) | | | |
|------------------------------------|-----------|--------------|------------|
| Plant Matter | Low Grade | Medium Grade | High Grade |
| 1 lb | 250g | 200g | 150g |
| 2 lbs | 500g | 400g | 300g |
| 5 lbs | 1,250g | 1,000g | 750g |
| 10 lbs | 2,500g | 2,000g | 1,500g |
| 15 lbs | 3,750g | 3,000g | 2,250g |
| 20 lbs | 5,000g | 4,000g | 3,000g |
| 25 lbs | 6,250g | 5,000g | 3,750g |
| 30 lbs | 7,500g | 6,000g | 4,500g |
| 50 lbs | 12,500g | 10,000g | 7,500g |
| 100 lbs | 25,000g | 20,000g | 15,000g |

2. **SECURE FILTER SCREEN AND MEDIA.** Ensure the filter screen is safely installed. A cloth or paper filter may be combined with a screen or plate. Load media directly into the column, on top of the filter screen.
3. **NO PRE-WETTING REQUIRED.** G-CRAC™ is designed to be used dry.
4. **RUN EXTRACTION USING A POLAR OR NON-POLAR SOLVENT.** Any lost yield can be recovered by flushing the media with pure solvent.
5. **DISPOSAL.** Follow all SDS instructions for safe disposal.

QUESTIONS? Contact sales@mediabros.store for more information.