

CRY+™

STANDARD OPERATING PROCEDURE (SOP)

CRY+™ features our largest granule size, with a 16x30 mesh size, enabling high-flow processes while maintaining consistent output.

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

REQUIRED MATERIALS:

- CRY+™ 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 200-300 grams of CRY+™ 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:

CRY+™ (Media Use Based on Grade)			
Plant Matter	Low Grade	Medium Grade	High Grade
1 lb	300g	250g	200g
2 lbs	600g	500g	400g
5 lbs	1,500g	1,250g	1,000g
10 lbs	3,000g	2,500g	2,000g
15 lbs	4,500g	3,750g	3,000g
20 lbs	6,000g	5,000g	4,000g
25 lbs	7,500g	6,250g	5,000g
30 lbs	9,000g	7,500g	6,000g
50 lbs	15,000g	12,500g	10,000g
100 lbs	30,000g	25,000g	20,000g

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.** CRY+™ is designed to be used dry.
4. **RUN EXTRACTION USING A HYDROCARBON-BASED 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.