



**SOP For:
CRY+ Filtration Media for In-Line CRC Applications**

CRY+ is our largest granule size with a mesh size of 16x30. This media provides operators the flexibility of running high flow processes while still maintaining a consistent quality output

Safety

Follow the safety and handling instructions found on the SDS sheets. The SDS sheet for CRY+ can be found with your shipment, or by contacting Media Bros at info@mediabros.store

Preparation & Tips

Required Materials:

- CRY+ Filtration Media
- In-Line Filtration Housing & Screen
 - CRC Column Size: for best results use a 4" diameter column
 - CRY+ works best with a 1 to 5 micron sintered mesh plate
 - CRY+ works best with a solvent ratio to biomass of 6:1 to 10:1
 - CRY+ works best at temperatures below -10°C (CRY+ will not clog due to ice)
 - CRY+ works best with a flow rate of <1gpm. Adding a needle valve or flow restrictor to the bottom of the column will allow for better flow regulations

Procedure

1. Load 200 - 300 grams of filter media into filtration housing for every 1 lbs of biomass. The media quantity used is dependent on the quality of the biomass. Higher quality biomass requires less media. Lower quality biomass requires more media. The lookup table can be used as a reference.

Cannabis Plant Matter	CR41™ Media use based on grade		
	Low Grade	Medium Grade	High Grade
1 lbs	300 g	250 g	200 g
2 lbs	600 g	500 g	400 g
5 lbs	1,500 g	1,250 g	1,000 g
10 lbs	3,000 g	2,500 g	2,000 g
15 lbs	4,500 g	3,750 g	3,000 g
20 lbs	6,000 g	5,000 g	4,000 g
25 lbs	7,500 g	6,250 g	5,000 g
30 lbs	9,000 g	7,500 g	6,000 g
50 lbs	15,000 g	12,500 g	10,000 g
100 lbs	30,000 g	25,000 g	20,000 g

2. Ensure that media is secured in filtration housing.
 - a. 1 micron mesh screens work well to secure filtration media.
 - b. A cloth or paper filter may be used in combination with a screen or plate
3. CRY+™ does not need to be wetted prior to use.
4. Run filtration using hydrocarbon-based solvent.
 - a. Avoid saturation and maintain flow.
 - b. Any lost yield can be recovered by flushing the media with pure solvent
5. Follow disposal instructions in SDS

Contact info@mediabros.store for additional information and questions.