



SOP for:
CRX™ Filtration Media for In-Line CRC Applications
Safety

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

Preparation & Tips

CRX™ filter media is an all-around media intended for all types of biomass.

Required Materials:

- CRX™ Filtration Media
- In-Line Filtration Housing & Screen
 - Size: for best results use a 3" to 4" diameter column that is over 10" tall.
 - CRX™ works best with a 5 to 10 micron sintered mesh plate.
 - CRX™ works best with a solvent ratio to biomass of 6:1 to 10:1.
 - CRX™ works best at temperatures below -10C. CRX™ will not clog due to ice.
 - CRX™ works best with a flow rate of <1gpm. Adding a flow restrictor (a ball valve is suitable) to the bottom of the column will allow flow regulation.

Procedure

- 1) Load 150 - 250 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.

Biomass	CRX™ Media use based on grade			
	Plant Matter	Low Grade	Medium Grade	High Grade
1 lbs		250 g	200 g	150 g
2 lbs		500 g	400 g	300 g
5 lbs		1,250 g	1,000 g	750 g
10 lbs		2,500 g	2,000 g	1,500 g
15 lbs		3,750 g	3,000 g	2,250 g
20 lbs		5,000 g	4,000 g	3,000 g
25 lbs		6,250 g	5,000 g	3,750 g
30 lbs		7,500 g	6,000 g	4,500 g
50 lbs		12,500 g	10,000 g	7,500 g
100 lbs		25,000 g	20,000 g	15,000 g

- 2) Ensure that the media is secured in a filtration housing.
 - a. Ensure the 5 to 10 micron screen is installed.
 - b. A cloth or paper filter may be used in combination with a screen or plate.
- 3) CRX™ does not need to be wetted prior to use.
- 4) Run filtration using a hydrocarbon based solvent.
 - a. Avoid stagnant 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.