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CRY™ Filtration Media

CRY™ filter media is an aggressive media intended for aged biomass, or matierial with hard to remove pigments.

Safety

SDS Sheets: Available upon request on all checmicals used in this process.

Preparation

Required Materials:

CRY™ Filtration Media

In-line Filtration Housing

-CRC Column Size: for best results use a 3" to 4" diameter column.

-CRY™ works best with a 5 to 10 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 flow restrictor (a ball valve is suitable) to the bottom of the column will allow flow regluation.

Procedure

1. Load 150-250 grams of filter media into filtration housing for every 1 lbs of biomass. The media quantity used in 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	CRY™ 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

2. Ensure that media is secured in filtration housing.
   a. 1 micron mesh screen works well to secure filtration media.
   b. A cloth or paper filter may be used in combonation 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.