LUSTERMAX • EXTRACT FILTRATION MEDIA

CONTROL YOUR COLOR. REFINE YOUR EXTRACT.

SUPERIOR STRENGTH

Less is more. Side by side tests show Luster Max is of the strongest media products on the market.

FAST FLOWRATE

Excellent Flowrate so you won't increase your batch cycle time. Don't sacrifice production time with slow media.

LAB TESTED IN PRACTICE

Filter confidently without comprimising safety. FIltered extract tested for heavy metals and pass all "Not Detected."

OUR STORY:

As industry practitioners with coming on a decade of experience in hydrocarbon extractions, we dreamed of a day where we can have some control over the color of our extracts. Too many times has quality resin been turned down because it was one or two shades darker than the status quo.

While as early as 2016 people experimented with this technology of Media Filtration (MF) but did not have the proper resources to engage in experimentation until early 2019. In an information bubble at our legal prop 64 California facility, we began using media like Activated Carbon and Diatomaceous Earth to preform an early version of "MF". The lack of flow rate tripled our runtimes, while moisture contaminated and oxidized our extract.

In 2019 a boom of information and experimentation in this technology gave root to a trial later in the year of 2019 using media previously used for preparation in the THC distillation process. While the results trumped those of our early carbon testing the slow flowrate and limited strength left us sacrificing time for proper remediation results.

At the start of 2020, we continued experimenting with different clays and found a clay that had superior strength and a flowrate that relatively did not slow down our processing cycles one bit.

Our Founders began consulting with operations across California implementing Media Filtration technology and soon began to be curious if this media was the peak of solutions for our industry. We began working with a myriad of clay suppliers and manufacturers testing samples of what they had to offer for our specific uses.

Most samples did not work plain and simple. It is then when we began researching the characteristics of what controls strength in these clays.

We narrowed down 3 key characteristics:
- *Mineral Composition*
- *Particle Size Range*
- *Degree of Activation*

With these variables, we began testing a combination of parameters within each category. In Q3 of 2020, we had found our solution... Luster Max.

A clay that has a strength that is superior in color remediation, achieved at a moderate pH. Has a fast flowrate that doesnt increase extraction cycle time. All while not stripping aromatic compounds aggressively from the resin. Even in heavier dosages the extract still maintains its life and aromatic appeal as well as taste.

*Since then the formed company LusterMax has gone through early adopter trial testing as well as taking the precaution to test extract filtered through LM for heavy metals using SC LABS. *See Lab Test Provided**

PRODUCT USAGE INFORMATION

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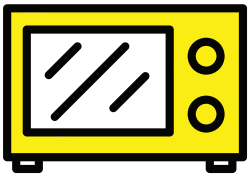
OPTIONAL BAKING



LusterMax is a single source bentonite clay powder that is always working, it holds about 7-9% that is wicked from the atmosphere during processing and shipping, similar to other refined clay-based media.

*Most other media we have tested have **DOUBLE** the moisture content of LusterMax.*

*LusterMax works great **without any baking** as long as it's stored properly.*

If you do decide to bake your media, 220F for 6 hours will provide a slightly higher strength if you have the infrastructure to do so.

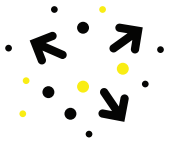
A majority of LusterMax clients prefer not to bake their media and have satisfactory results and flow rate.

MEDIA HANDLING

*LusterMax media is to be handled under a **VENTILATED, FILTERED HOOD WORKSPACE** to avoid staff exposure to particulate suspended in the air.*

*For Bulk Transfers of media please handle **OUTSIDE WITH A HIGH-EFFICIENCY RESPIRATOR**.*

DISPERSION



*As **ADSORPTION** is the primary characteristic at work in the remediation process, **DEPTH OF THE MEDIA BED** is very important to the **EFFICIENCY OF THE FILTRATION**.*

*It is recommended to use as **SMALL DIAMETER AS POSSIBLE** without exceeding a column height that is difficult to work with.*

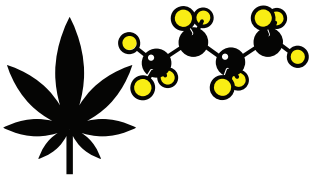
GENERAL GUIDELINES:

1-4 lbs = 3inch

5-9 lbs = 4inch

10+ lbs = 6inch

SOLVENT TO BIOMASS



*To ensure your media is effectively flushed of any residual desirable compounds, it is recommended to utilize a solvent to biomass ratios of **7:1 AT MINIMUM**, up to 10:1.*

MEDIA TO BIOMASS

While there are many variances in source biomass here are some general guidelines to start with for media dosages.

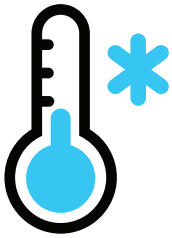
***Fresh Frozen Biomass**: Generally works at **1-5%** grams of media to grams of biomass extracted.*

***Cured Biomass**: Usually is dosed at **5-15%** grams of media to grams of biomass extracted.*

Dosage varies greatly on overall degradation as well as actual yield.

SOLVENT INJECTION TEMPERATURE

*It is recommended to perform your extraction at a maximum **HIGHEST TEMPERATURE** of **-20C TO -10C** so the surface and depth filtration effects of LusterMax are maximized.*



SATURATION AND FLOW RATES

LusterMax was engineered to provide fast flow rates independent of the media bed height.

*While efficiency is not rendered ineffective when using faster flower rates, it is recommened to use a general flow rate of **1 GPM (GALLON PER MINUTE)**.*

*The goal is to throttle flow just enough to provide some **RESIDENCE TIME WITHIN THE MEDIA** as well as not add run-time to the extraction cycle.*

*When saturating the media initially please **SLOWLY FILL**, then when saturated fully proceed with the flood into the collection vessel.*

- **MSDS**
- **HEAVY METAL COA**
- **MOISTURE & PH COA**