

APRIL 2010

The following alcohol extraction tek is what I consider to be almost the greatest discovery in the history of the religious use of the ancient entheogens. In all the records and reports around the world of the use of natural plant entheogens, there is a universal truth. And that truth is that the plant entheogens demand a serious price to pay for them to show their wonders, and that price is a very bad stomach reaction. Usually, vomiting is a part of the experience. And that is because one has to take a lot of the plant material to get the entheogenic power therein. But this tek has changed all of that. Now, the easy to grow little mushroom - psilocybe cubensis is now the king of the entheogens. This mushroom is acknowledged as one of the "weak" entheogens". But not any more. It is now the most powerful of them all, put together. So when one adds this tek to the PF TEK, the pinnacle of entheogenic life and experience is effortlessly in the hands of all.

PF MAGIC MUSHROOM LIQUEUR TEK - CRYSTALS OF THE GODS



Crystalline extract precipitated in 190 proof alcohol "EVERCEAR"

Left beaker - extract from 16 grams dried shrooms

Right tube - extract from 9 grams fungi

MAGIC LIQUEUR - the ultimate trip - update

Many years ago PF experimented with alcohol extraction of dried magic shroom material. To make the story short, PF found the crystals. But, PF didn't mention that when PF wrote the PF mushroom extraction tek and published it in the PF TEK book (1996) and posted it at this web site.

PF has monitored the WEB for all of these years and has seen no posts concerning this amazingly easy

way to extract and seriously concentrate the shrooms magic. PF has always said that this extraction tek solves the "problems" of impotent or mediocre magic shrooms.

Then, finally, this post appeared on the WEB at an interactive myco hobbyist web site:

SEARCHER

By Searcher (Novice) on Saturday,
November 16, 2002 - 06:29 pm:
Edit

My most exciting piece of beginner's luck came when I got rid of some cakes that seemed stalled in their development (and/or had really uneven surface colonization) by splitting up and drying the mycelium for use in place of mushroom dust to create the liqueur described in the following link:

<http://www.fanaticus.com/liqueu~1.htm>

By letting the resulting liqueur continue to dry out, I wound up with amber colored crystals that could be crushed and placed in gel caps. A few hundred milligrams of this extract sent a curious friend of mine into orbit, and now he's been bugging the shit out of me to butcher ALL of my cakes to concentrate on this extract and forget about trying to grow shrooms. He claims the trips he got were much "cleaner" (whatever that means) and that the stuff certainly tastes better than the shrooms themselves.

By Searcher (Novice) on Monday,
November 18, 2002 - 05:05 am: Edit

As I recall, there were about 6 or 7 jars that seemed to have good mycelial development, but colonization was very uneven, or so slow, that I abandoned them to put better jars in my grow chamber. Rather than just tossing out the slow jars, I decided to break them up and try Prof. PF's extraction technique. By the way, the alcohol seemed to absorb a lot of water from the air - it no longer smelled of alcohol, and the drying process slowed down a lot just before the amber tar and then the crystals appeared. I used no heat, but kept a large fan blowing on the liquid over a large, shallow cookie sheet.

By Searcher (Novice) on Tuesday,
November 26, 2002 - 12:53 pm: Edit

Behold, cystals - little white snowflakes - just using 99% isopropyl---

By Searcher (Novice) on Sunday,
December 08, 2002 - 02:55 pm: Edit

Here are the results from my first methanol soak:

Yielded 3.85 grams of crystals from 8 ounces of mycelium. But wait, there's more! Remember we're doing three, consecutive soaks. Looks like we'll be getting even more residues out of soaks 2 & 3:

Miscellaneous notes on the methanol: You'll note that this residue is lighter in color than residue gleaned from the water soaks. Also, this residue comes out dryer - no intermediate "tar" stage.

When the Professor instigated dialogue about SEARCHERS enthusiastic posts above, others joined in and found SEARCHER to be on the money. And here they are.

By Techno-hippie (Technohippie) on Sunday, December 22, 2002 - 04:58 pm: Edit

I tested my 20g dried shroom, 24cc Solution. AWESOME is all i got to say I had one of the BEST trips ever. We started with 1cc each and started feeling the effects almost immediately. Within 10min we were having the full level 1 experience. We decided to take another CC, Took us to level 2.... Within 10 min. By this time it was hard to keep track of time. But we did 1 more CC and that was all we needed.

NO unpleasent side effects... No upset stomach, or dizziness... nothing negative. It was VERY euphoric, very clear. We were tripping hard, yet we could think very clearly. Couldn't always speak clearly but the thoughts were profound and clear. The visuals where awesome.... everything was so alive and beautiful. The moon was full... so that made for a magical evening.

The greatest thing about the extract was the control we had over the dosage. Each dosage was equal with magic content. Unlike when you eat the shrooms themselves where the magical content will be different from shroom to shroom. So, dosage isn't quite as accurate. I've split a bag of shrooms with a friend before and got off way more than he did... on the same shrooms. With the extract we both knew we were getting the same amount.

I've had tea, chocolate shrooms, cooked with magic.. even psychedelic coffee, and this is by far the best method of consumption. I will be testing how long the extract lasts in potency.

I had this in the freezer for a week... and it was still very potent.

Anyway guys... there is my experience with the liquid. Freakin awesome!

Thank you PROF and Searcher for bringing that tech. out to us. I've never heard of liquid shrooms until now! WOW!

I'll post my other experiments with this in time.

Peace & Light to all!!

Techno-Hippie

By J. Clay Mcwilliams (Jclaymcw) on Monday, December 23, 2002 - 09:50 pm: Edit

Ive done the extract, and yeah the trip is different. I felt happier on the extract. No bad side effects. It didn't come on that quick though it was just a little faster than a regular trip and the peak was hard to determine. my friends who have side effects like stomach discomfort, headaches and bellybutton discomfort said that they had none of the usual side effects.

It was everclear evaporated down to 3 grms per 8 cc.

By Techno-hippie (Technohippie) on Monday, December 23, 2002 - 11:41 pm: Edit

Looks like we got a winner here. Last night i tested the extract on some VERY willing friends of mine and they had the same experiences. One of them gets BAD stomach cramps and usually the shits when he eats shrooms or drinks tea... but with the extract he had nothing to report but pure bliss! They both had an amazing trip VERY similar to the one that I had and reported earlier.

I think that for the serious tripper this extract could be the preferred method... I know it is becoming mine

Take care all... Have a wonderful holiday, remember: the tree looks awesome with a pair of magic goggles!!

Peace

Techno-hippie

By Searcher (Novice) on Sunday, December 22, 2002 - 07:46 am: Edit

Almost any liquid will extract something from the shrooms themselves or the mycelium. Even water will work, producing a brown syrup that can be dried into a sticky tar. Only the acetone was a bust in extracting the magic - but it does extract some other crud that might make it a good pre-wash for more serious extraction's. Recapping the results of the tests using other spirits, 99% isopropyl, 151 proof ethyl alcohol, and 99.9% methanol - methanol was the hands down winner for getting the crystals. Once the pretty white crystals have dried, they can be re-dissolved in grain alcohol for a potent elixir. The crystals tend to absorb water from the air unless they are kept in a heavily desiccated chamber.

Roo (Tehuti)

Posted on Saturday, May 22, 2004 - 11:30 pm:

has anyone tried soaking shrooms in alcohol to get the goodies out of them?

PF used to have a great Tek on his site regarding this. I have done it, and it works wonderfully. Its a very clean trip.

rodger rabbit (Skyypilot)

Posted on Sunday, May 23, 2004 - 07:53 am:

Agreed, the liquor is the way to go. I like to stop the process just before crystals form, as it's easier to measure for dosing. When I notice the solids begin to separate from the everclear, add just a bit more everclear and heat the mixture to dissolve the solids back in. This seems to give the most potent, measurable dose, and it's dependable. 1cc of the liquid seems to match 2g of dried product. The best thing is NO stomach upset.

Solly the Printman (Soliver)

Posted on Tuesday, June 08, 2004 - 10:18 pm:

Good stuff -

I followed a combination of PF's extraction and the guidelines I gleaned from Rog Rabbit -

Took one OZ shrooms (I used last year's batch of PR's - still VERY potent, but in need of consumption - I wouldn't be heartbroken if they were toasted, etc, due to my incompetence)

Ground up shrooms in the 'ol coffee grinder, Put them in a quart jar Added one PINT of everclear (Rog says 2 oz to a fifth is good, but I wanted to start with a smaller batch . . .)

I put it all together, shook, put on the counter, and shook it whenever I walked by. I meant to strain it all the next day, but it ended up sitting in there for about three weeks - I'd say I shook it an average of twice a day...

While it was sitting in there, about 1/4 of the everclear evaporated out of the jar - strange... musta been an air leak or something?

Anywho, yesterday I strained it through a metal strainer, then through a coffee filter, then through 2 coffee filters and ended up with about 250 ml of liquid.

Just for continuity's sake, I added a few ml's of everclear to make it an even 280...

so now 10 mls of fluid = 1 gram dry . . .

tried 10mls in some grape juice yesterday, clean trip, no tummy problems (yeah!!) and a good time had by

all (me, myself, and I).

If you haven't tried this, you should!!

(second post)

NO stomach upset, no weird ramp-up - it removes all the negatives of shrooms and leaves you with a wicked hit that blows your top off...

The first 15 ml was put into a small glass of cranberry juice and consumed. I went upstairs and got in the shower, as is my custom, and before I even had my hair washed it was coming on. By the time I was out, dry, and dressed, I was tripping my nads off - less than 15 minutes.

My wife and I agree that this stuff is almost too good - shrooms have a downside (for me) that keeps me in check - but the liquor takes that all away.

I don't think I'll ever chew a shroom or choke back a handful of stinky powder again - I'm soaking all my shrooms in liquor from here on out.

If you haven't tried this, I'd strongly suggest it.

I really understand why PF said that this is the most important drug discovery since the PF tek - he's right!

Sol

Hippie3 (Admin)

Posted on Wednesday, June 09, 2004 - 12:30 pm:

quote:

Would one have to use any more alcohol to extract if, say, one were using some 80 proof vodka rather than some 200 proof? Is absolutely all the magic extracted?

no and yes. and it doesn't take more than a few minutes either. i've made my friends magic shots by soaking chopped freshies in whiskey 5 minutes or so then straining off the liquor into shot glasses, works every time.

quote:

How long does an extraction like this remain potent, and what is the best way to store it to retain potency ?

as for storage, adding some Vit C to the solution will help slow the breakdown. then the extract should be stored in cold dark airless conditions, like in an opaque bottle in the freezer. fill it nearly full to eliminate the air and then seal, should be good several weeks at least, depending on initial potency.

The Lone Printman (Soliver)

Posted on Friday, July 02, 2004 - 01:53 pm:

I dosed my own "elixir" last night yet again, and I can say that it's kick-ass... Of course, it's always good to start with potent fruits, but what your friend plans on doing sounds AOK to me - Pretty much the exact same thing I did except I let mine soak longer (I don't think it matters).

I took a double dose last night - woof! Good stuff, comes on within 10-15 minutes and peaks about an hour later. After a while, I swear I could see right through the table I was sitting at - seemed to cross the

space-time continuum (sp?) with my eyeballs...

I usually take my standard dose, then bump it 2 hrs later, but decided to hit it all at once last night - the effects were devastating - I was a puddle - it was awesome.

(ps -mine's been in the freezer for 2 months now with no loss of potency)

ShedTheMonkey (Shedthemonkey)

Posted on Sunday, October 03, 2004 - 04:33 pm:

My monkey's brother ground up 48 grams of dry mushies and put them in a quart jar, covered the mushies with 153 proof grain alcohol (best he can find in these parts) and put it in a double boiler situation. After a half hour of letting the alcohol boil (without letting the water boil), the whole mess was filtered with 5 micron filter paper in a Buchner filter system using a vacuum cleaner for the vacuum source. The liquid was put aside, and the dry filtrate was put back in the jar, covered with alcohol again and boiled for another half hour. Repeated filtration. Mixed the two extract liquids together.

The wife and I did a bioassay. She said her trip felt about equivalent to a 30 gram freshie trip. I felt about somewhere between 40 to 45 grams fresh. It was weird that from dry mushies that definitely have a distinct feel from fresh, the extract felt more like fresh and **THERE WAS ABSOLUTELY NO TUMMY UPSET!!** This was about the strongest dose I can take and not end up talking to the goddess at the peak.



SHEDS CRYSTALS from 153 proof

WARNING ON ALCOHOL SHROOM EXTRACTION

Thoth (Dr_hyde)

Posted on Wednesday, September 15, 2004 - 01:29 am:

I finished off the last few mls of my last extraction. There was a bit of sediment in the bottom of the bottle. I did not think nothing of it, and drank it expecting a 4 gram type trip.

I got more of a 20 or 30 gram trip. The sediment must have been almost pure magic. I have done 20 grams dried before and it was many times more intense than that. It was totally freaking insane. Actually quite interesting, but not something I hope to do again in a few years or so.

This was about 200g of dry material to everclear, the BIG bottle. Its been in the freezer for 4 months, gave most of it away, guess I got the best part..

Stranger yet no bad stomach at all. I had to force myself to purge.

It just wore me out, very tired.

THE CRYSTALS OF THE GODS

(anonymous experimenter who followed the Professors 190 proof extraction TEK)





Suckerfree (Suckerfree)

Posted on Wednesday, August 18, 2004 - 07:26 pm:

March 5, 2003

Psilocybe Mushroom Extractions

Dear Dr. Shulgin:

A friend of mine performed a Soxhlet extraction of 12 grams of powdered *Psilocybe cubensis*, using 95% ethanol. When the 60 mL of extract cooled to room temperature, many small transparent, colorless crystals had formed on the bottom of the container and did not redissolve on agitation. Do you know what these crystals are? -- Journeyman

Dear Journeyman:

There is a fascinating report in the literature that gives a quantitative measurement of the efficiency of extraction of both psilocybin and psilocin from the mushroom *Psilocybe bohemica*. The citation to the article is Kysilka, R. and Wurst, M., *Planta Med.* Vol. 56 pp. 327-328 (1990). These Czechoslovakian scientists studied the efficiency of both methanol and ethanol as solvents, each containing varying amounts of water. The results were, to me, both unexpected and most provocative.

The isolation of psilocybin seemed to be quite reasonable. This alkaloid is reasonably soluble in boiling water from which it can be nicely crystallized. It is less soluble in boiling methanol, and almost insoluble in boiling ethanol. And the extraction efficiency is optimum with methanol and almost as good with ethanol. With both, the less water present, the better. The compound is, after all, a perfect example of a zwitterion, the internal salt of a phosphoric acid and an amine base.

But the numbers with psilocin are strange. With aqueous ethanol, the optimum extraction was with a 70% ethanol concentration, and the extraction efficiency dropped almost to zero when there was no water present. But methanol was extremely inefficient regardless of the amount of water present in it. These researchers were apparently surprised by these findings, as they explored further and uncovered other clues. Time is a factor. Psilocin is extracted at a much slower rate than is psilocybin because it is contained intracellularly in the plant, and thus slower to be gotten out. They conclude that many of the low psilocin assays of mushrooms are due to this difficulty of getting the alkaloid out of the plant and into the extracting solvent. Using this information they determined that the levels of psilocybin and psilocin are substantially the same in *Psilocybe bohemica*, in conflict with the published literature values where very small amounts of psilocin were observed.

Efficient extraction apparently requires patience.

As to the identity of the crystals that were drifting around in the cooled Soxhlet receiver, from their being insoluble in ethanol, and white, and transparent, I would guess that you are seeing pure psilocybin.

-- Dr. Shulgin

GOTTLIEB

Then, after a little interaction at the web sites, PF found this extraction tek taken from a book by Adam Gottlieb at the EROWID web site.

THE PSILOCYBIN PRODUCERS GUIDE by Adam Gottlieb 1976

EXTRACTION

Crumble and pulverize the dried mycelial material and combine each 100 mg of this material with 10 ml of methanol. Place the flask in a hot water bath for four hours. Filter the liquids with suction through a filter paper in a buchner funnel with Celite to prevent clogging. Collect and save the filtrate liquids. Heat the slurry (the mush in the filter paper) two more times in methanol as before, filter, and accumulate the liquids of the three extraction's. To be certain that all of the alkaloids have been extracted do a small extraction with a portion of the used slurry and test with Keller's reagent (glacial acetic acid, ferrous chloride, and concentrated sulfuric acid). If there is a violet indication, alkaloids are still present and further extraction is in order.

In an open beaker evaporate the liquids to total dryness with a hot water bath or by applying a hair dryer. Be certain that all traces of methanol have been removed. The remaining residue should contain 25-50 percent psilocybin/psilocin mixture. Greater purification can be achieved, but would require other solvents and chromatography equipment and is hardly necessary.

Each 100 grams of dried mycelium should yield about 2 grams of extracted material. This should contain at least 500 mg of psilocybin/psilocin mixed or about fifty 10 mg doses. Theoretically psilocin should have the same effect upon the user as psilocybin. The only difference between the two is that the later has a phosphate bond which disappears immediately after assimilation in the body. In other words, in the body psilocybin turns into psilocin. Psilocybin is a fairly stable compound, but psilocin is very susceptible to oxidization. It is best to keep the extracted material in a dry air tight container under refrigeration. A sack of silica-gel can be placed in the container to capture any moisture that may enter.

DOSAGE

The standard dose of psilocybin or psilocin for a 150 lb person is a 6-20 mg dose. We will figure the average dose as 10 mg. The crude alkaloid extraction process given here yields a brownish crystalline powder that is at least 25 percent pure. Each mason jar should contain at least 50 grams of wet mycelium. After drying this would be about 5 grams of material. The crude material extracted from this should contain 25-30 mg of psilocybin/ psilocin or roughly 2-3 hits. This yield may vary to some extent depending upon several factors. Many of these species contain less of these alkaloids than dose *Psilocybe cubensis* and the alkaloidal content of this species may vary in different strains. Cultivation conditions have a lot to do with yield too. Higher temperatures (75 degrees F.) cause more rapid growth but lesser psilocybin content than do lower temperatures (70 degrees F.) One must test each new batch of extracted material to determine the proper distribution of dosages. Depending on the potency of the mycelia and how well the extraction was conducted the dose may range between 25 and 100 mg. Also bear in mind that the dose varies for different individuals.

STAMETS

Paul Stamets even mentions extraction in his 1996 book - "PSILOCYBIN MUSHROOMS of the WORLD". Quote - page 50-51 "Another method I have seen is to soak crushed mushrooms in 75+% ethanol. After two to three days, the roughage can be filtered, leaving a dark- blue elixir that can be decanted accordingly. For every fresh 5 grams of mushrooms, 25-30 milliliters of alcohol is recommended. Psilocybin and psilocin dissolve into this solvent, and the alcohol also acts as a preservative. I really don't have much experience with this technique, but have talked to people who say it is their preferred method. Some call this "blue juice."

Stamets tek is not very good for several reasons. He says to start with "fresh" shrooms. It is always the best way to first dry the material to be extracted. Water gets in the way of the solvent. "BLUE" is not good either. Bluing is evidence of the magic being broken down or compromised. I think it is the "fresh" material that does that. Dried material does not blue. Bluing is damage and occurs with bruising of the shroom flesh. Stamets again says on page 56 - "...the more the mushrooms are bruised (blued) the less potent they become."

But what is important about the Stamets quotes, is that he knows people that believe extraction is the superior way to go for the magic.

MEDIOCRE RATING FOR CUBENSIS

The only criticism that has ever been directed towards the *Psilocybe cubensis* specie is "On the psilometric scale of comparative potency, *P.cubensis* gets a rating of "moderately potent," - P. Stamets. That is not the best. And it seems, that potency is the number one goal of all the seekers, except the new cadre of shroom growers on the web that are more interested in the hobby of mushroom growing than any magic production.

This extraction technique is the answer to the serious seekers of the magic. What PF would recommend is to extract with easy to get liquor store 190 proof ethanol, and make magic shroom liqueurs and elixirs. The advantage of the liqueur is that it is a good way to preserve the magic crystals. Exposing magic crystals to the air is a quick way to breakdown. But in a freezer in an elixir of alcohol, the magic crystals can certainly last a lot longer. This way delivers potency far far beyond any natural magic shroom. When one considers the extract magic in doses of around .1 - .3 gram, no magic shroom can deliver that, unless extracted. So that puts the lowly *Psilocybe cubensis* to the top, because of its one really great attribute - THE EASIEST TO GROW - by far.

This technique describes how to extract psilocybin from magic mushrooms with pure 190 proof ethyl alcohol and make a magic mushroom liqueur of concentrated psilocybin to effect a powerful psychedelic dose as potent as desired. The entire process involves only the shrooms and alcohol. The alcohol is untainted with chemicals and poisons because it can be easily acquired from a liquor store (United States) either over the counter (in some states) or with a special permit (most states - see end of article section - "procuring 190 proof ethyl alcohol from a liquor store").

ALCOHOL EXTRACTION OF THE MAGIC CRYSTALS by Professor Fanaticus

SUPPLY LIST

- Shrooms
- 190 proof ethyl alcohol (GOLDEN GRAIN - EVERCLEAR ect)
- Pyrex glass wide mouth slurry soaking vessel
- Stove top boiling water pot (slurry vessel sits inside) "double boiler"
- Funnel, and vacuum filtering set up or Dust-pollen masks
- Small desk fan
- Stirring tools - spatulas

Acquire quality psilocybe cubensis shrooms (harvested before or just as the veils open and cool dried with desiccant). The more shrooms used in the beginning, the more potent the concentration can be when finished. Use at least several grams of dried shroom material to make the process worthwhile and effective. The shrooms need to be thoroughly dry (rock hard) to allow pulverization. To pulverize the shrooms, put them into a small strong zip lock plastic bag (freezer bag), cover the bag with a magazine (for protection of the bag) and pound it with the rubber heel of a large shoe. Or, powder them in a small canister type coffee bean grinder.

In a heat resistant soaking vessel (Pyrex glass), combine the shroom powder with several times its volume with 190 proof Everclear (ethanol). This is the "slurry". Place the slurry steeping vessel in a pan of boiling water. Raising the slurry soaking vessel off the bottom of the hot water pan is a good idea for preventing serious sticking of the extracts. The slurry will start to boil. Turn the water boiling pan heat down and let the slurry simmer and steep for a few hours at a warm-hot temperature. Alcohol boils at a lower temperature than water. Watch the temperatures closely. Things can get totally out of hand and ruined very quickly without close attention paid. Stir the hot mixture periodically and often to keep things loose with no sticking.

After the hot steeping and while the slurry is still hot, filter it through filter paper. This is probably the most important part. A good filtration will be efficient and will keep most of the shroom material out, making for a clean extraction (clean of shrooms that is - but heavy on psilocybin). A small lab type vacuum pump powered bottle top filtering funnel with filter disk holder makes it all easy and fast, with little waste.

Collect and save the filtrate liquids. Heat the slurry (the mush in the filter paper) one or two more times with the 190 proof as before, filter, and accumulate the liquids of the extraction's. The photos at the top are of extraction's done twice.

If there is no vacuum filtering device at hand, inexpensive dust-pollen masks make good filters for the slurry. These are available at hardware, drug and paint stores. They are usually white or tan colored, fit over the nose and mouth and are held on to the face by a rubber band attached to the filter. Fashion the filter over the mouth of a drinking glass. Squeeze the filter and slurry to extract the alcohol. There are many details to deal with, but doing it once reveals them all. Experience is the best teacher. Store the extracted alcohol in a fresh bottle.

EVAPORATION AND CONCENTRATION

Combine the filtered alcohol extracts into the Pyrex steeping vessel. Place a small electric fan near the vessel and point the air flow directly down into the vessel until the surface of the alcohol ripples. This will speed the evaporation and concentration. The process will take several hours. The more alcohol extract - the longer the evaporation time. As the alcohol evaporates and the level recedes down into the glass, wash the residue that adheres to the inside of the glass back into the solution. Any fumes that are generated will be harmless because the alcohol is a non poisonous drinkable spirit. Keep flames away from the solution - pure alcohol is very flammable.

One can also use heat to evaporate and concentrate the liqueur. Use a double boiler type of set up to heat and evaporate off the alcohol to concentrate the liqueur. At this point, with hot concentrated liqueur (no crystal precipitate) it is best to go immediately to the storage tek (see Dosage and Storage at the end).

The concentrated shroom liqueur will have a pungent mushroomy aroma (like fungi perfume). Also, a white crystalline kind of precipitate will form in the alcohol liqueur (see above photo) as it cools. Store it in small screw cap bottles or vials in the freezer. Alcohol doesn't freeze solid and will remain liquid.

IMPORTANT GUIDELINES

1. Use warm-hot temps when steeping the initial slurry (shroom-alcohol). Use a double boiler for the slurry vessel. Avoid direct heat to the bottoms of the slurry soaking vessels. The extract has a tendency to bake on and stick very easily.
2. A good filter is a must. Lab quality filter paper helps for a cleaner extract (less shroom stuff). A small bottle top vacuum filtering funnel with a hand squeeze vacuum pump and fine slow flow filtering papers is perfect for this small extraction tek (look for the 47 millimeter filter sized set ups).
3. When filtering the slurry, do it while it is hot.
4. When heated in the initial slurry, the psilocybin alkaloid extracts are free base molecules. In the final liqueur on cool down, the free base molecules will coalesce and form crystals. It takes a day or two for the process to be complete. The less the final amount of liquid is, the easier it is for the free base psilocybin molecules to meet each other and coalesce into the whitish crystalline substance.
5. The crystalline extract can be completely dried by placing the liqueur container in front of a small fan to get most of the liquid out. To complete the drying, desiccant is recommended. Place the small vessel of liqueur into a larger jar with quality desiccant. It takes several days to complete drying. The final crystalline substance can be weighed, worked with and experimented with.
6. TEK personalization through experience is what happens to anyone trying this. Extracting plant material is an ancient art, and the ways are myriad.

DOSAGE and STORAGE

On cooling and with time, the free base psilocybin molecules coalesce in the liqueur and precipitate into a whitish crystalline extract which falls to the bottom of the storage vessel. The freebase Psilocybin molecules come together fast in the cool alcohol.

Storage and dosage prep is the same. If the liqueur has already precipitated the crystals, heat the final concentrated liqueur (for example - 20 grams of dried shrooms can be extracted to 50-100 milliliters alcohol) in its storage vessel in a pot of hot water. Boil the liqueur and stir and scrape deposits from the glass as the liqueur boils lightly. Alcohol boils at a lower temperature than water. Keep the storage vessel off the bottom of the boiling water pot. Direct heat is very bad for the liqueur, making it stick. As the liqueur boils, the crystals and extract will remelt with time. The large particles of the crystals can be crushed with a long needle probe to hurry up the process. When the crystals are dissolved, administer the

magic liqueur while it is HOT. Using a syringe enables uniformity and accuracy of the dosages. Keep the liqueur stirred up to keep it uniform. The hot liqueur quickly becomes cloudy (precipitate) on slight cooling. A hot temperature of the liqueur with remelted crystals is important for accurate dosage administration.

While it is hot, dispense equal portions of the liqueur (10cc-20cc) into small storage jars with watertight caps. Each small jar is allowed to cool, the cap is put on and the jar is placed into the freezer for storage. Each jar is equivalent to an exact fraction of the original dry shroom weight so that dosage can be accurately controlled and determined.

When it is time to trip, the desired liqueur jars (with potency ratings) are removed from the freezer, allowed to warm to room temps, the lids taken off, a small fan is set up blowing air across the jars mouths and the liqueur is evaporated off to a manageable "hit" (variable alcohol). The small jars then become administration vessels where the entire contents (alcohol-water-crystalline extract) can easily be completely consumed.

PROCURING 190 PROOF ETHYL ALCOHOL ("Everclear" - "Golden Grain" et) FROM A LIQUOR STORE

First, call a well stocked liquor store and ask if they have 190 proof ethyl alcohol. Full service liquor stores supply hospitals and laboratories with 190 - 200 proof ethyl alcohol. If a permit is needed, call the state liquor board (usually in the State Capital) and ask for an application to get an ethyl alcohol permit. The fee is 5 or 10 dollars. On the application will be a question asking what the use of the alcohol will be. Write what they more or less want to hear. State that the use of the alcohol will be for "non-toxic surface sterilizing plus herb extraction - preservation - tincture - and perfume making" (or something to that effect).

Professor Fanaticus
2005