# Escondido Psilocybe Cubensis Spore Syringe

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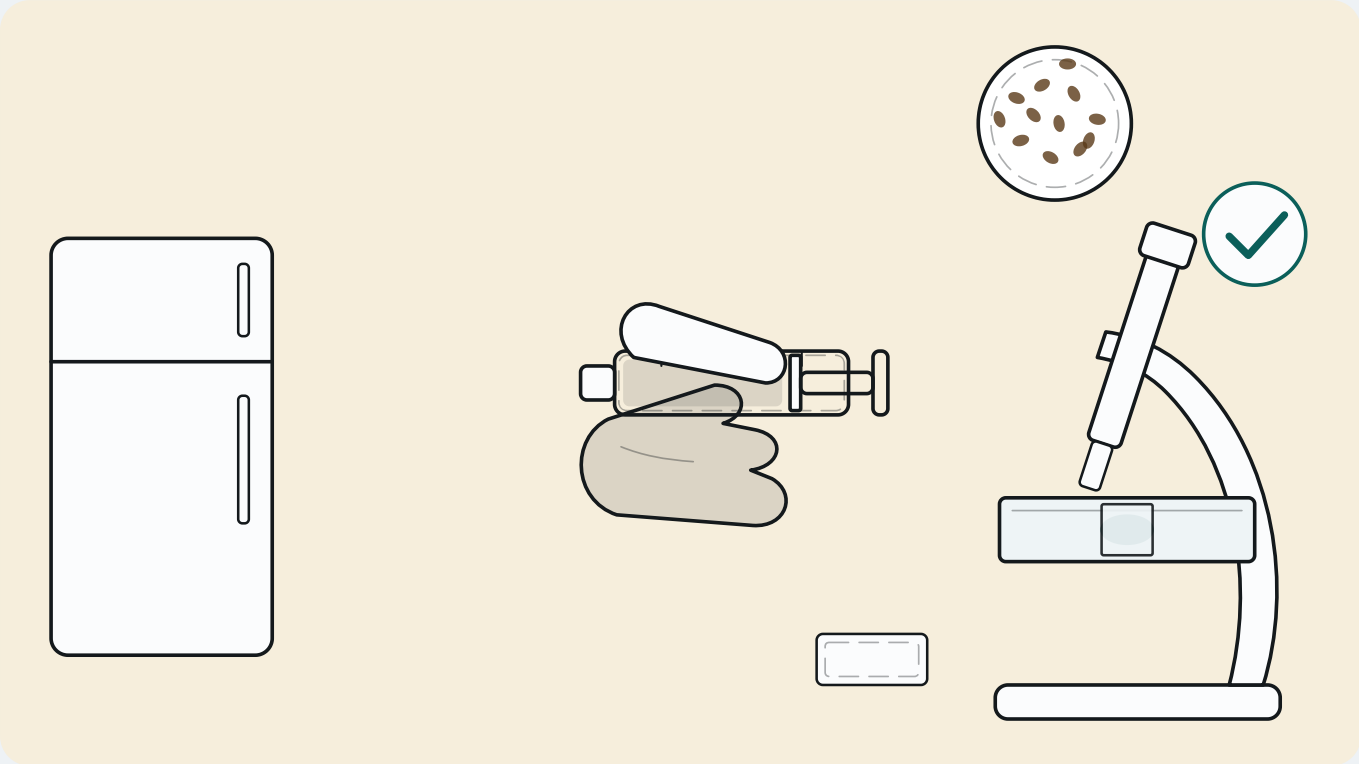
HOW THE SYRINGE IS USED FOR MICROSCOPY



1 Shake the syringe for ten seconds, cap on

2 Cap off

3 Needle on straight from its wrapper, never heated or wiped; cover off

4 One drop through the needle onto the slide

5 Coverslip down

6 Under the microscope: for microscopy and taxonomy

7 Needle off, end cap back on

8 Into the fridge at 2 to 8 °C

## About Escondido

Escondido is a Psilocybe cubensis line found on a coffee plantation in Escondido, Mexico, and held here as one of the rarer Mexican strains. The Escondido spore syringe is a double-density suspension supplied for slide work and taxonomic reference.

### Origin and lineage

The line reached us through Small House, a spore supplier we have worked with to add less common genetics to the range. Its spores are said to have been first collected by a mushroom hunter known only as Fishy, who found the strain on a coffee plantation in Escondido, Mexico. Horses are kept on the plantation and their dung is thought to be spread on the soil; according to Fishy the strain had been present there since 1992. All of this is reported rather than documented, so it is recorded here as the account that came with the line, and the strain's identity rests on that provenance.

### Under the microscope

We hold no strain-specific microscopy notes for Escondido, so expect the standard Psilocybe cubensis spore: broadly ellipsoid, smooth-walled and thick-walled, with a distinct apical germ pore, brown under transmitted light and dark purple-brown in mass. The double-density suspension puts enough spores in a single drop for a well-populated field at 400× to 1000×. Any differences observed against a Mazatapec or Mexican slide should be recorded as observations on that batch rather than treated as a signature of the line.

### Handling and storage

On arrival, refrigerate it at 2–8 °C with the cap on and do not freeze it; unopened it keeps for up to six months. Shake gently before use, fit the supplied needle and place a single drop on a clean slide under a coverslip, then recap and return the syringe to the refrigerator. Spare needles and gloves are available as extras for anyone who prefers a fresh needle each session.

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|---|---|
| Species | Psilocybe cubensis |
| Strain | Escondido |
| Format | Double-density spore suspension in a sterile syringe |
| Available volumes | 2.5ml, 10ml and 20ml |
| Included | One individually wrapped sterile needle |
| Storage | Refrigerate at 2–8 °C; do not freeze |
| Shelf life | Up to 6 months unopened |
| Intended use | Microscopy and taxonomic research only |

## How to Study Psilocybe Cubensis Spores Under a Microscope

### Disclaimer

- This guide is for microscopy and educational purposes only.
- Cultivating or germinating spores into mushrooms containing psilocybin is illegal in the UK.

## Introduction

- Each spore is a tiny, structured cell, and under the lens it shows its shape, size, wall and pigmentation.
- SporeSyringes.co.uk supplies double-density Psilocybe cubensis spore syringes, every batch checked under the microscope before dispatch, so the field is well populated for beginners and professionals alike.

## Step 1: Prepare Your Workspace

Choose a clean, well-lit area and wipe the surfaces with isopropyl alcohol. You need:

- A microscope (400 to 1000× magnification)
- Sterile slides and coverslips
- A spore syringe (2.5 ml, 10 ml or 20 ml)
- Gloves and alcohol wipes
- A still air box, if you have one, to keep contaminants away while the slide is prepared

## Step 2: Applying the Spore Solution

1. Shake the syringe for ten seconds with its cap on, so the spores disperse evenly.
2. Cap off, then fit the sterile needle straight from its wrapper; never heat or wipe it.
3. Take the needle cover off and put one small drop of solution onto the microscope slide.
4. Lower a coverslip over the drop carefully, to avoid air bubbles.

5. Needle off, end cap back on, and the syringe back in the fridge at 2 to 8 °C.

You now have a ready-to-observe spore sample. Strain clarity

## Step 3: Viewing Under the Microscope

- Start at 400× to find the spores, then move to 1000× for detail.
- Expect ellipsoid spores, each strain with its own surface texture and pigmentation. The one exception among the strains we have imaged is Creeper, whose spores are angular rather than ellipsoid under the electron microscope.
- Strains such as Golden Teacher, Albino A+ and Hill Billy are studied side by side; spore size and colour overlap between strains, so record what you see rather than expecting a signature for each.

## Step 4: Recording Your Findings

Take photos or notes of each strain's spore pattern. Over time you will learn to identify:

- Spore size and shape
- Colour variations (dark brown, purple or translucent)
- Wall thickness and density

## Step 5: Build Your Microscopy Collection

- Many enthusiasts collect and compare spores from various strains for taxonomy studies.
- Start with a reliable source such as SporeSyringes.co.uk, where every batch is checked under the microscope before it is released.

## Advanced Observation Tips

- Use MEA agar plates to grow out gourmet cultures and observe mycelium under the microscope.
- Compare strains such as Golden Teacher and B+ side by side to see the variations in spore shape and density; our Golden Teacher vs B+ guide walks through the differences.
- Record what you see for each strain, so your collection becomes a reference you can return to.

### Key Takeaway

- Studying Psilocybe cubensis spores connects science and wonder. With clean, double-density spore syringes and the right tools, anyone can explore the structure and diversity of these remarkable organisms: legally, safely and with precision.

Internal Links:

- Buy Magic Mushroom Spore Syringes UK
- Learn About Double Density Spores
- Still Air Boxes for Microscopy

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