Golden Teacher Psilocybe Cubensis Spore Syringe UK | Double-Density Research Spores

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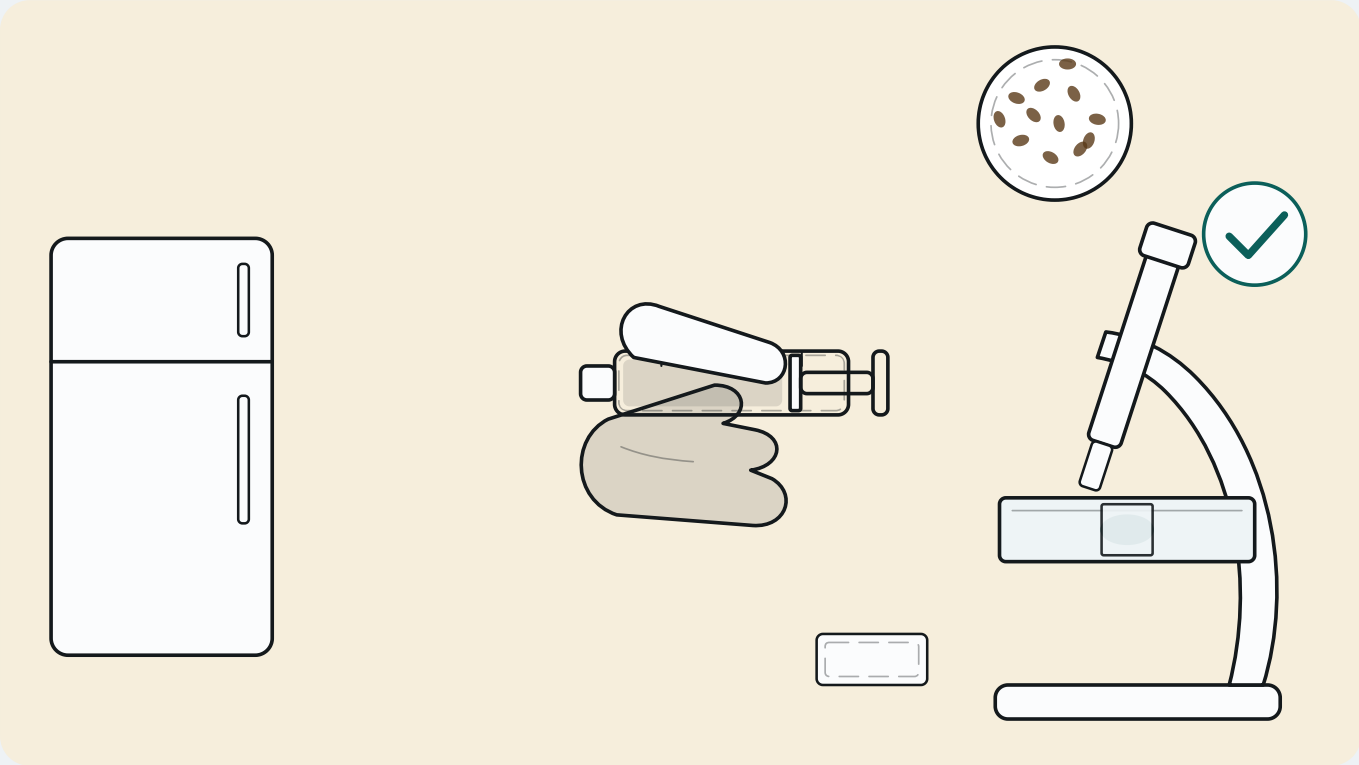
HOW THE SYRINGE IS USED FOR MICROSCOPY



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 Golden Teacher

The Golden Teacher Psilocybe cubensis spore syringe is one of the most sought-after strains for microscopy and mycological research. Known for the dark purple-brown spores and consistent cell structure of the species, this strain provides exceptionally clear visuals under magnification. Each 10 ml double-density syringe contains a research-grade spore solution produced in a HEPA-filtered UK laboratory, ensuring you receive batch-checked Psilocybe cubensis spores ideal for study and taxonomy. The Golden Teacher spores for research UK collection is perfect for both beginners and advanced mycologists looking to observe spore morphology, pigmentation, and the structural traits of the species in a world-famous strain.

Under the microscope

Golden Teacher spores show the characteristic cubensis form clearly: broadly ellipsoid, smooth-walled and thick-walled, with a distinct germ pore, and clear detail at 400–1000×. The deposit is dark purple-brown in mass. On a dried drop the spores tend to settle in large, uniform clusters, giving even fields rather than a sparse scatter. The double-density suspension puts more spores into each drop, which gives a fuller field and better contrast for photographing individual cells or measuring them against a calibrated graticule.

What it is used for

Golden Teacher is a common first strain in a cubensis collection, which makes it a natural baseline in comparison sets. A slide of Golden Teacher beside White Teacher shows that a change in the mushroom's appearance need not change the spore deposit; beside an albino line it shows where pigment can differ. It also suits teaching sessions on basic spore morphology, since the germ pore, wall thickness and ellipsoid outline are all easy to point out. Because its morphology is typical of the species rather than distinctive, the strain's value in a reference collection rests on the provenance of the print it was drawn from.

Handling and storage

Keep the syringe refrigerated at 2–8 °C in its sealed packet and do not freeze it. Unopened, it keeps for up to six months. To prepare a slide, fit the included sterile needle, expel a single drop onto a clean slide and lower a coverslip; that is enough for most observations. Refit the cap after use and return the syringe to the fridge. Use a fresh sterile needle each time you draw from it so the suspension stays clean over repeated sessions; spare needles and gloves are offered as extras.

Species	Psilocybe cubensis
Strain	Golden Teacher
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

Psilocybe cubensis spores are supplied for microscopy and taxonomy only.
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