B+ Psilocybe Cubensis Spore Syringe UK | Double-Density Research Spores

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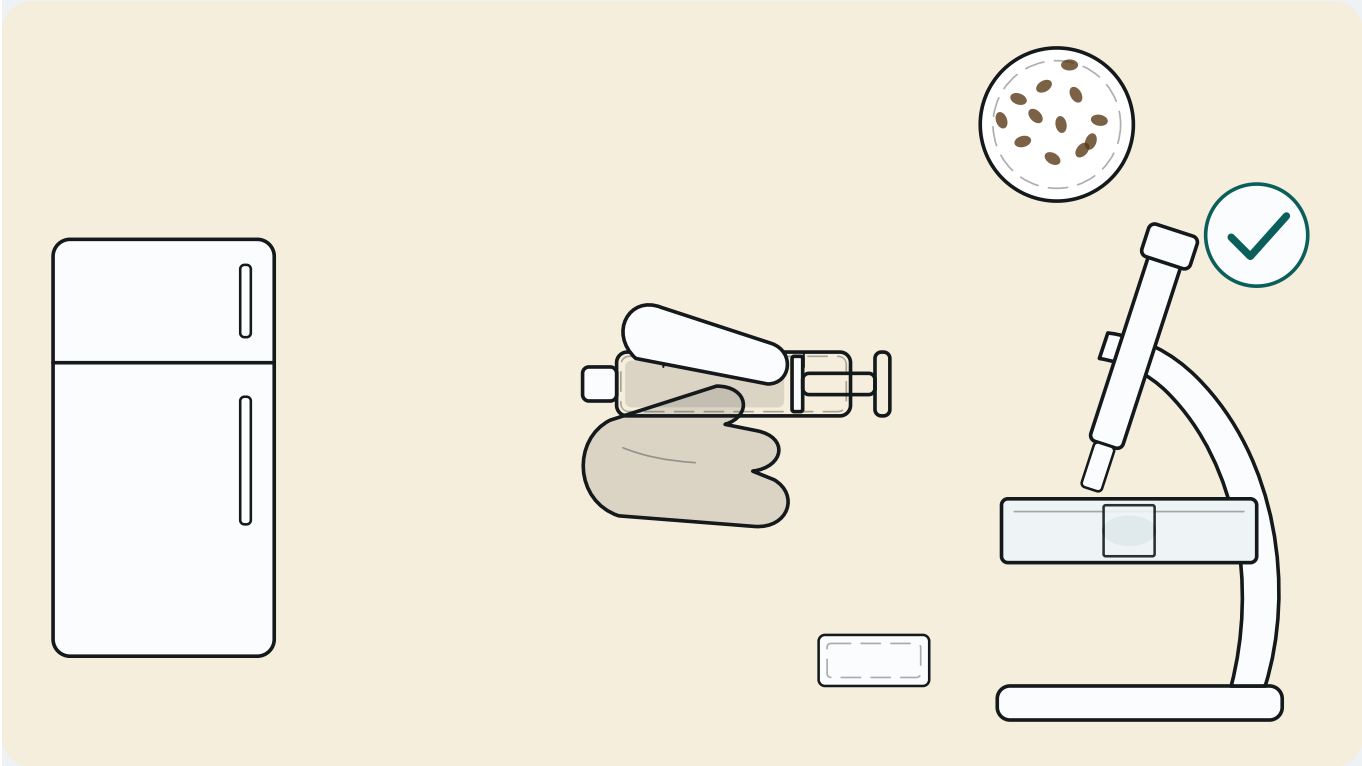
HOW THE SYRINGE IS USED FOR MICROSCOPY



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 B+

B+ Psilocybe Cubensis Double-Density Spore Syringe (UK). The B+ Psilocybe cubensis spore syringe is one of the most studied microscopy samples in the UK, prized for its rich pigmentation, thick-walled spores, and exceptional germ pore clarity. Prepared in HEPA-filtered UK laboratory conditions, each syringe delivers double-density spore concentration for crystal-clear visibility under the microscope. For researchers comparing Golden Teacher vs B+ spores microscopy comparison samples, the B+ strain is the usual partner for side-by-side study or for learning the difference between Golden Teacher and B+ spores.

Under the microscope

Under magnification, B+ spores show a deep chocolate-brown pigmentation, a slightly elongated ellipsoid outline and a clearly defined germ pore. The walls are thick and read well against the field, which is why the strain is often used when learning to pick out the standard cubensis features. Viewed at 400–1000×, the density of the suspension and the thickness of the spore wall are readily apparent. In mass the print is dark purple-brown, as expected of a standard, non-albino cubensis line.

What it is used for

B+ is often paired with Golden Teacher as a comparison set: two standard cubensis strains, prepared the same way and examined side by side. The exercise is a useful one for teaching, because it shows how little separates named cubensis cultivars at the level of the individual spore. It also serves as a reference slide for the standard cubensis spore, and for demonstrating wall thickness and germ pore position to students. A strain's identity rests on the provenance of the source print, not on anything the microscope can confirm.

Handling and storage

Each syringe holds a double-density suspension and comes with one individually wrapped sterile needle. Keep it refrigerated at 2–8 °C and do not freeze it; unopened, it keeps for up to six months. Fit the needle only when you are ready to make a slide, and replace the cap afterwards. A 2.5ml syringe covers a first slide and several more; the 10ml and 20ml sizes suit repeated sessions or a class. Spare needles and gloves are available as extras.

Species	Psilocybe cubensis
Strain	B+
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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