White PES Amazonian Psilocybe Cubensis Spore Syringe UK | Double-Density Research Spores

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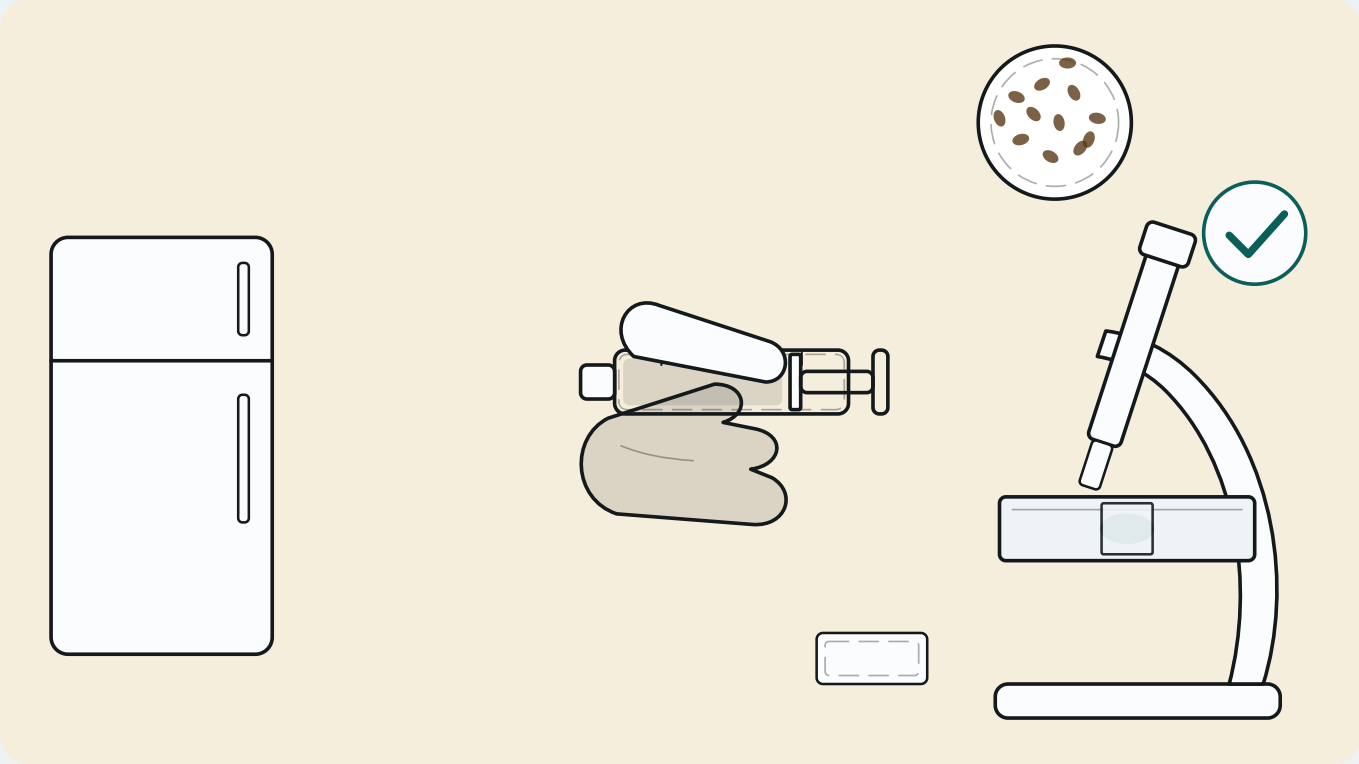
HOW THE SYRINGE IS USED FOR MICROSCOPY



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 White PES Amazonian

White PES Amazonian Psilocybe Cubensis – Double-Density Spore Syringe (UK). The White PES Amazonian Psilocybe cubensis spore syringe is a leucistic microscopy strain; the mushroom is pale, and on the slide its spores are dark like other cubensis, some batches a little lighter. A variation of the classic PES Amazonian lineage, this strain provides excellent contrast under magnification, making it ideal for both beginner and advanced microscopy research. Prepared in HEPA-filtered UK laboratory conditions, each syringe contains a double-density spore solution for enhanced clarity and consistent slide preparation.

Origin and lineage

White PES Amazonian is a variation of the PES Amazonian lineage of Psilocybe cubensis, from which it takes its name and its place in the South American group of a reference collection. It is catalogued here as a true albino line of that parent, and no spore colour is stated for it as a result. As with every named cubensis cultivar, its identity rests on the provenance of the source print rather than on anything that can be seen under the microscope, so it is kept and labelled alongside standard PES Amazonian from the same collection.

Under the microscope

White PES Amazonian spores present the standard Psilocybe cubensis form: broadly ellipsoid, smooth-walled and thick-walled, with a clearly visible germ pore that gives good structural definition at 400–1000× magnification. As a true albino line, no spore colour is stated here as fact. Pigment can be lighter in albino lines, but that is not guaranteed, and a spore print is the place to check rather than the product name. Slides are read for outline, wall thickness and germ-pore clarity, with a standard PES Amazonian, B+ or Golden Teacher on the bench alongside for direct comparison.

What it is used for

The usual role for White PES Amazonian is as the albino member of a comparison set, placed beside standard PES Amazonian and beside standard strains such as B+ or Golden Teacher. Read together, the slides show how far the measurable features of cubensis spores overlap between named lines, and how little the product name predicts what is seen at the eyepiece. It also suits teaching demonstrations of cubensis spore structure, where the germ pore, wall and outline can be pointed out on a well-populated field, and gives a reference collection an albino line from the South American group to set beside standard PES Amazonian.

Handling and storage

Each size includes one individually wrapped sterile needle. Fit it, expel a single drop onto a clean slide, add a coverslip and view; the double-density suspension gives a well-populated field from a small volume, so a 2.5ml syringe covers a first slide and several more. Store the syringe sealed and upright in the refrigerator at 2–8 °C, away from direct sunlight, and do not freeze it. Unopened, the shelf life is up to 6 months. Recap promptly between uses and keep the needle covered so the remaining suspension stays usable. Spare needles and gloves are offered as extras for the accident-prone.

Species	Psilocybe cubensis
Strain	White PES Amazonian
Classification	Albino
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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