Aztec God Psilocybe Cubensis Spore Syringe UK | Double-Density Research Spores

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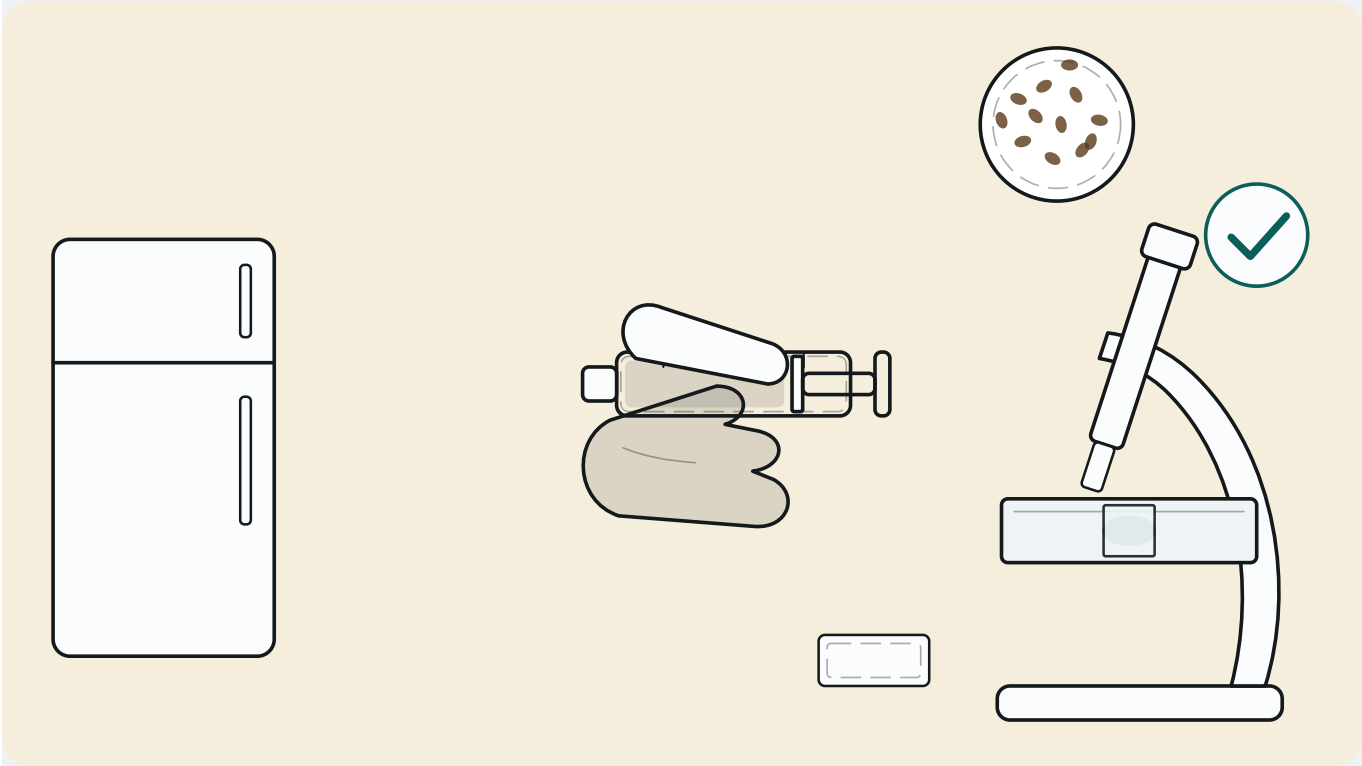
HOW THE SYRINGE IS USED FOR MICROSCOPY



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 Aztec God

Aztec God Psilocybe Cubensis – Double-Density Spore Syringe (UK). The Aztec God Psilocybe cubensis spore syringe is a distinctive microscopy strain associated with classic South American cubensis varieties. Known for its balanced spore structure and consistent morphology, this strain provides a reliable sample for both beginner and advanced microscopy research. At SporeSyringes.co.uk, each syringe is prepared in HEPA-filtered UK laboratory conditions and contains a double-density spore solution for enhanced clarity and consistent slide preparation. This Aztec God spore syringe UK is ideal for microscopy research and educational study.

Under the microscope

Aztec God spores are well-defined ellipsoids with the smooth, thick wall and visible apical germ pore characteristic of Psilocybe cubensis. Under transmitted light individual spores show a medium-brown pigmentation, deepening to the dark purple-brown of the species when seen in mass. At 400× to 1000× the suspension gives a clear and consistent field, and its evenness from slide to slide is the reason the line is favoured for repeated slide work and for students taking their first measurements of spore length, width and wall thickness.

What it is used for

Aztec God is commonly placed in a comparison set beside other South American cubensis lines, or beside the Mexican lines it is grouped with here, to document variation in pigmentation, spore size and structure between named strains of the same species. Because its morphology is consistent, it also serves well as a teaching sample and as a baseline against which less familiar lines can be described. Reference collections hold it as a representative of the classic South American group. Any differences seen against a neighbouring strain should be recorded as observations rather than treated as identification.

Handling and storage

Refrigerate the syringe at 2–8 °C, keep the cap on, and do not freeze it. It keeps for up to six months unopened. Before drawing a drop, shake gently to resuspend the spores, fit the supplied needle and place a single drop on a clean slide under a coverslip. Keep the syringe upright and out of direct sunlight, recap it after each session and return it to the refrigerator. Spare needles and gloves are available as extras for anyone who prefers a fresh needle every time.

Species	Psilocybe cubensis
Strain	Aztec God
Lineage	Associated with the classic South American cubensis varieties
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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