# Blue Meanies Psilocybe Cubensis Spore Syringe

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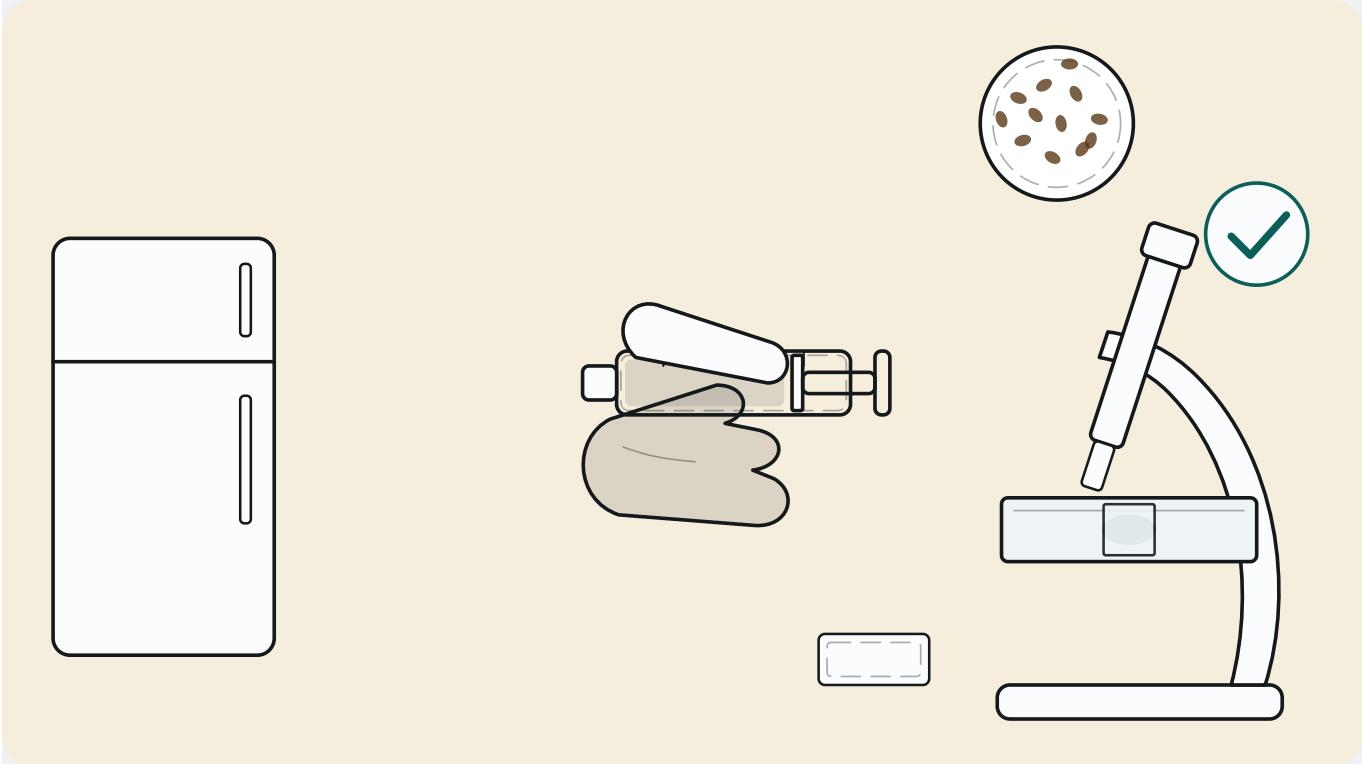
HOW THE SYRINGE IS USED FOR MICROSCOPY



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 Blue Meanies

Blue Meanies Spore Syringe – Microscopy-Grade Psilocybe cubensis Spores (UK Legal). Experience a classic Psilocybe cubensis strain under the microscope with our Blue Meanies Spore Syringe, a favourite among mycologist and microscopy hobbyists for its dense spore structures. Each syringe is filled with a Double-Density spore solution suspended in sterile water and sealed for freshness. Blue Meanies spores give high-contrast slides, making them ideal for both beginners and advanced researchers interested in slide preparation and strain comparison.

### Under the microscope

As a Psilocybe cubensis strain, Blue Meanies gives the cubensis spore: broadly ellipsoid, smooth and thick-walled, dark purple-brown in mass, with a distinct germ pore visible at 1000×. A double-density smear at 400× gives a well-populated field with spores separated enough for measurement and photography. No spore trait that sets this line apart from other cubensis strains is recorded here; what a Blue Meanies slide offers is a clean, standard cubensis deposit from a stocked strain.

### What it is used for

The strain's chief interest to a taxonomist is its name. Because Blue Meanies is used both for this cubensis strain and for Panaeolus cyanescens, a slide of the cubensis version is a good teaching example of why common names are unreliable and why a deposit should be read against the species rather than the label. Beyond that it serves as a standard cubensis baseline in comparison sets and as a plain reference example in a collection, with the stocked availability that makes it easy to replace.

### Handling and storage

Keep the syringe refrigerated at 2–8 °C and do not freeze it; unopened it keeps for up to 6 months. Before drawing a sample, shake gently to redistribute spores that have settled, fit the included sterile needle and expel a small drop onto a clean slide under a coverslip. Between sessions remove the needle and return the syringe to the fridge. Spare needles and gloves are available as extras for anyone who prefers a fresh needle each session or wants one in reserve.

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|---|---|
| Species | Psilocybe cubensis |
| Strain | Blue Meanies |
| 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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Psilocybe cubensis spores are supplied for microscopy and taxonomy only.
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