CALYX CONTAINERS | **Calyx Cure**
Your ideal cure, in the bag

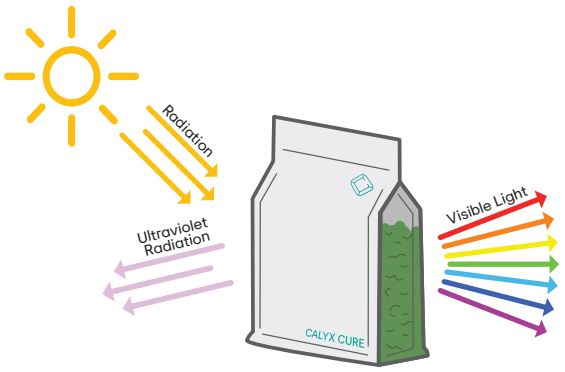
UV BLOCKING VALIDATION SPECS

Third Party Lab Tested | Verified Protection Against Harmful UV Rays

UV PROTECTION YOU CAN TRUST

Third-Party Verified UV Resistance for Calyx Cure Clear Film

At Calyx, quality and product protection are non-negotiable. That's why our film includes a UV-blocking layer, engineered to protect flower throughout the curing process and beyond. We've partnered with an accredited third-party lab to validate the UV blocking film additive to our clear film, ensuring it meets industry standards for blocking harmful UV rays.



UV LAYER VALIDATION HIGHLIGHTS

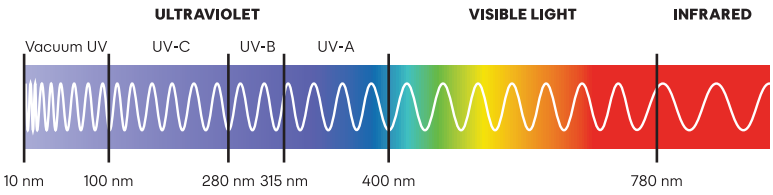
Certified Performance

- **UV-Blocking Capability Within Key Wavelengths:** One of the engineered layers in Calyx Cure is designed to block out >95% of UV-A and UV-B rays.
- **Scientifically Verified Protection:** Third-party UV transmission testing confirms that Calyx Cure's engineered film significantly blocks harmful UV rays known to degrade terpenes and cannabinoids.
- **Material Composition:** The UV-blocking layer is formulated with specialized additives in the outer polymer film to block light in the 280–400 nm range—the most harmful spectrum for cannabis flower. This advanced composition also enhances treatment adhesion and ensures long-term durability.
- **Visual Advantage:** Our UV layer is clear enough to view contents but blocks the harmful spectrum—ensuring product visibility without compromising protection.

TESTING SUMMARY

- **Test Type:** UV Transmission Evaluation
- **Test Method:** Spectrophotometry
- **Equipment Used:** FPE-003 UV-Vis Spectrophotometer
- **Wavelength Range Tested:** 190–900 nm
- **Sample Tested:** Calyx Cure Custom MAP Film
- **Test Completion Date:** October 3, 2024

ULTRAVIOLET LIGHT



RESULTS OVERVIEW

A copy of the full transmission graph and raw lab data is available upon request.

- The Calyx Cure Clear Side Gusset Window film demonstrated **significant UV light blocking in the 280–400 nm range**, effectively shielding products from harmful UV-A and UV-B exposure
- **High visible light transmission (400–700 nm)** maintains product visibility and enhances shelf appeal while providing premium protection
- UV-blocking properties were verified by a certified third-party laboratory using calibrated scientific instrumentation

WHY UV BLOCKING MATTERS

Ultraviolet (UV) radiation—especially UV-A (315–400 nm) and UV-B (280–315 nm)—can degrade cannabis products by breaking down cannabinoids and terpenes. This leads to a loss of potency, aroma, and overall shelf stability. UV protection is essential for maintaining quality from cure to consumer.

Learn more about the science behind Calyx Cure

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