# Certificate of Analysis

Bixa Orellana Seed Extract | Bixa Orellana Seed Extract
Product Code FL-BOS-SAMPLE-COA

**SAMPLE CERTIFICATE OF ANALYSIS — not a shipped lot document.**

This file shows the standard extract QC panel and representative passing results. **It is not tied to a production lot and must not be used as the certificate for any shipment.** Each order ships with a lot-specific COA. Specifications may be refined as additional batch data become available.

## Product Identification

| | |
|---|---|
| **Product Name** | Bixa Orellana Seed Extract \| Bixa Orellana Seed Extract |
| **INCI** | Bixa Orellana Seed Extract |
| **CAS** | See lot documentation |
| **Product Code / SKU** | FL-BOS-SAMPLE-COA |
| **Lot Number** | SAMPLE |
| **Manufacture Date** | Sample — not a production lot |
| **Document Revision** | 0.1 |
| **Effective Date** | May 20, 2026 |
| **Manufacturer** | Formulate Labs, Inc.<br>1645 Headland Dr.<br>Fenton, MO 63026 |
| **Quality Contact** | quality@formulate.co<br>*Lot issues, complaints, contamination concerns, out-of-spec materials, COA discrepancies.* |
| **Regulatory Contact** | regulatory@formulate.co<br>*INCI, allergens, IFRA, Prop 65, vegan/natural claims, compliance documents, formulation-use questions.* |
| **Adverse Effects Reporting** | safety@formulatelabs.ai |
| **Emergency Phone Number** | 888-999-2260 |

Sample certificate for Formulate Labs Bixa Orellana Seed Extract aqueous extract stock. Hydroglycerin stocks ship preserved. Release tests are organoleptic, pH, TAMC < 100 CFU/g, and TYMC < 10 CFU/g. Total counts only — no individual pathogen screens.

***Recommended cosmetic INCI (descending weight):*** *Bixa Orellana Seed Extract*

## Analytical Results

*Aqueous extract release panel: organoleptic, pH, and total-count cosmetic microbiology (TAMC / TYMC). Individual pathogen screens, marker assays, heavy metals, pesticides, and residual solvents are not part of the standard extract release unless requested and quoted.*

| Characteristic | Specification | Measurement | Result |
|---|---|---|---|
| Appearance | Amber to brown aqueous fluid | Conforms | Pass |
| Odor | Characteristic mild botanical; no added fragrance | Conforms | Pass |
| Consistency | Pourable liquid | Conforms | Pass |
| pH (25 °C) | 4.5 – 5.5 | 4.8 | Pass |
| Total Aerobic Microbial Count (TAMC) | < 100 CFU/g | < 10 CFU/g | Pass |
| Total Yeast & Mold Count (TYMC) | < 10 CFU/g | < 10 CFU/g | Pass |

## Statement

This sample certificate illustrates the tests and acceptance criteria used for botanical extract stocks. Representative measurements are shown as conforming results. A production COA will carry the actual lot number, manufacture date, and measured values for the batch you receive.

## Notes

Cosmetic raw material for professional formulation use only. This is not a standardized marker isolate. Marker assays, heavy metals, pesticides, residual solvents, and pathogen screens are not on the default extract panel. Not intended to diagnose, treat, cure, or prevent any disease. Finished-product manufacturers remain responsible for preservation efficacy, stability, labeling, and claims.

*Accepted by: Quality Assurance, Formulate Labs, Inc.*