PHYTOCHEMICAL EXTRACTS

Botanical extracts and plant-derived compounds for ingredient buyers, brands and formulators.



Explore botanical extract categories
Phytochemical extracts are plant-derived materials containing naturally occurring constituents. Their identity, concentration and suitability depend on the source plant, plant part, extraction process and batch specification.

Illustrative extract categories

Plant extracts Herbal and botanical materials supplied as powders, liquids or other specified forms.	**Polyphenols** A broad group of plant compounds; examples include EGCG and resveratrol.
Flavonoids Plant compounds that include quercetin and rutin.	**Alkaloids** A diverse class of naturally occurring nitrogen-containing compounds, including berberine.
Glycosides Plant constituents that include ginsenosides in selected botanical sources.	**Terpenoids** A broad family of plant-derived compounds, including boswellic-acid-related materials.
Phenolic compounds Plant constituents that include curcuminoids such as curcumin.	**Saponins** Naturally occurring plant compounds found in several botanical families.

BUYER & FORMULATOR INFORMATION

A practical guide to evaluating phytochemical extracts.



Key specification checks

Check	What to verify
Botanical identity	Verify scientific name, plant part, source and authentication method.
Extract type	Confirm powder, liquid, dry extract, tincture, oleoresin or isolated compound.
Extraction details	Request solvent, extraction ratio (DER), carrier or excipient details and processing method.
Standardisation	Confirm the marker compound, assay method and stated percentage, if standardised.
Quality documents	Review batch-specific COA, SDS and relevant microbiological, heavy-metal, pesticide and residual-solvent tests.
Regulatory suitability	Check permitted use, claims, limits and requirements for the intended market and application.

Applications and responsible claims

Potential application areas vary by extract and grade and may include food, beverage, cosmetic, personal-care, fragrance, research or other industrial uses where legally permitted. Do not infer efficacy, health benefits, organic status, purity or standardisation from a plant name or illustrative image. Substantiate all claims with product-specific evidence and review the applicable regulations before marketing.

Discuss your requirement

Share the extract name, intended application, target marker/assay, required form, quantity, destination market and documentation needs when making an enquiry.

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Botanical extracts • Ingredient enquiries • Formulation discussions

This brochure is a general category overview, not a product specification, certificate or efficacy claim. The banner and product visuals are illustrative. Actual botanical identity, grade, assay, purity, standardisation, origin, certifications, availability, pack sizes and commercial terms must be verified for each product using current supplier and batch documentation.