

Berberine HCl: Trusted Plant-Derived Alkaloid for Metabolic, Lipid & Gut Health Formulations



Xian, Shaanxi Oct 22, 2026 ([IssueWire.com](https://www.IssueWire.com)) - What Is Berberine HCl?

Berberine hydrochloride is a stabilized, highly bioavailable isoquinoline alkaloid extracted from the roots and bark of *Coptis chinensis* (Chinese goldthread), *Berberis* spp. (barberry) and *Phellodendron amurense* (cork tree). Native berberine in its free-base form has limited solubility and variable

bioavailability, which limits consistent industrial usage. After acid-base conversion and recrystallization, Berberine HCl becomes a free-flowing, highly concentrated powder with strong assay reproducibility. We supply high-purity Berberine HCl, standard grade assayed at 97% and above by HPLC, produced through acidic water and ethanol extraction, acid-base conversion, recrystallization and hot-air drying, suitable for capsules, tablets and functional food applications.

Core Functional Properties

Metabolic support. Berberine is widely studied for activating AMPK, a key regulator of cellular energy metabolism, helping maintain healthy blood sugar levels already within the normal range.

Lipid metabolism support. It supports healthy cholesterol and triglyceride profiles, making it a popular active in weight-management and heart-health formulas.

Gut health. With a long history of traditional use for gastrointestinal comfort, Berberine HCl is valued as a natural, broad-spectrum antimicrobial.

Antioxidant activity. It helps neutralize free radicals and supports overall cellular protection.

Disclaimer: This is raw-material-oriented introduction only, not intended for medical or therapeutic claims. Final products shall comply with local regional regulatory requirements.

Main Application Areas

Dietary Supplements. Capsules, tablets and softgel formulas targeting metabolic, lipid and gut health. One of the most requested actives in the global metabolic-health supplement category.

Functional Foods & Beverages. Weight-management and daily wellness products seeking a plant-based, science-backed active ingredient.

Traditional Herbal Medicine Formulations. Used as a concentrated, standardized active monosome in concentrated herbal preparations following pharmacopeia requirements.

Personal Care. Skincare formulations leveraging berberine's antioxidant and skin-balancing properties, compatible with most topical cosmetic systems.

Why Choose Our Berberine HCl

🔍 High-purity 97%+ & stable potency & strict quality control. We select quality plant-sourced starting material and offer standard grade assayed at 97% and above by HPLC. Every batch is tested for purity, heavy metals, microbes and loss on drying. In-house lab equipped with TLC, HPLC, UV, GC and microbiological testing, with independent verification through SGS, Eurofins, Leon Testing and PONY Testing. Consistent potency and appearance between batches, avoiding efficacy and registration trouble for your downstream production.

🔍 Full compliance documents for global export. Complete COA, MSDS and specification sheet available. Support HALAL, KOSHER documents. Our GMP-standard facilities hold FDA, ISO9001, ISO14001, HACCP and SC food production license, suitable for North America, Europe, Middle East, Southeast Asia and Latin America import registration review, helping you reduce compliance risks in cross-border business.

Multi-grade & flexible service. Food-grade and supplement-grade available. Provide free samples for your formula trial. Flexible MOQ and OEM/ODM support, ready stock for fast lead-time. Our technical team offers formulation reference and dosage suggestion for different end-use scenarios.

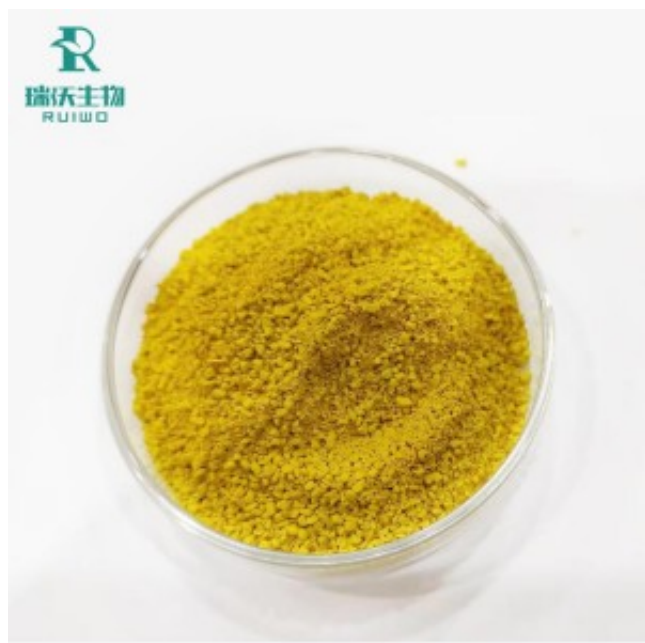
Traceable production system. Three production bases in Indonesia, Xianyang and Ankang, with dedicated extraction, separation, concentration and drying lines. Annual processing capacity of more than 3,000 tons of botanical raw materials. R&D collaboration with Northwest University, Northwest A&F University and Shanxi Pharmaceutical Group to optimize yields and purity. Products distributed to more than 36 countries across Asia, the Middle East, Europe, North America, Latin America and Africa.

Why Berberine HCl Matters for Your Business?

The plant-based wellness trend keeps accelerating across global nutraceutical markets. Brands are pressured to offer ingredients backed by both a large body of scientific research and centuries of traditional use. Most berberine raw materials on the market suffer from inconsistent assay potency, heavy-metal variation or batch-to-batch color difference, bringing huge risks to finished-goods efficacy, registration review and shelf stability. Berberine HCl from a GMP-standard manufacturer solves this pain point: it combines plant origin with well-characterized, easy-to-standardize chemistry. Consistent raw-material quality directly decides your finished product's potency claim strength, registration success and brand reputation. Unstable assay values, out-of-spec heavy metals or variable batch appearance will cause expensive product reformulation and brand loss. Reliable high-purity Berberine HCl supply becomes a core competitive advantage for manufacturers and brand owners worldwide.

Get In Touch

If you are sourcing premium Berberine HCl raw material for metabolic, lipid or gut health formulations, feel free to contact us for samples, detailed specification and quotation. We deliver tailored ingredient solutions to help you build more competitive plant-based finished products.



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