

**INTRODUCING
THE WORLD'S FIRST PROPRIETARY
TECHNOLOGY BASED BERBERINE**



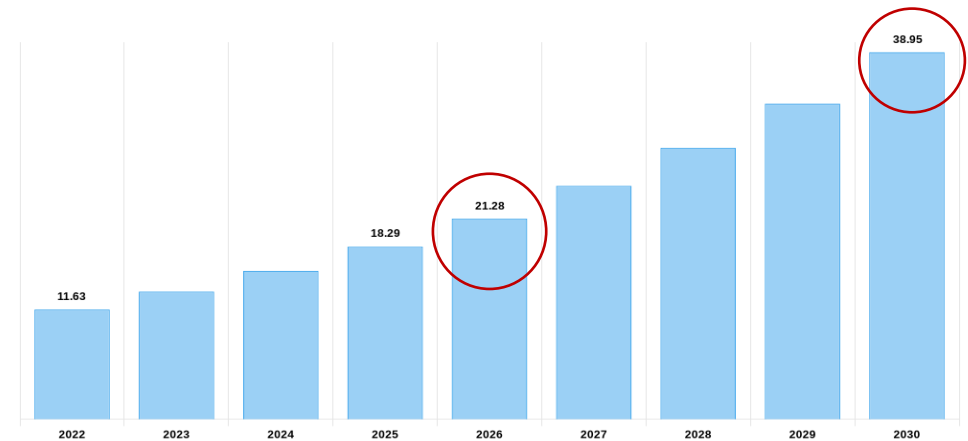
Metaberine[®]

Enriched Berberine, Metabolic Health

A Growing Global Challenge: Obesity, Diabetes & Metabolic Disorders

- Rising prevalence of **obesity, type 2 diabetes, and metabolic syndrome** worldwide
- Strongly linked to **sedentary lifestyle, poor diet, stress, and lack of physical activity**
- Metabolic disorders are now among the **leading causes of morbidity and mortality globally**
- Growing need for **preventive nutraceutical interventions** targeting **insulin sensitivity, lipid profile, gut health, and inflammation**

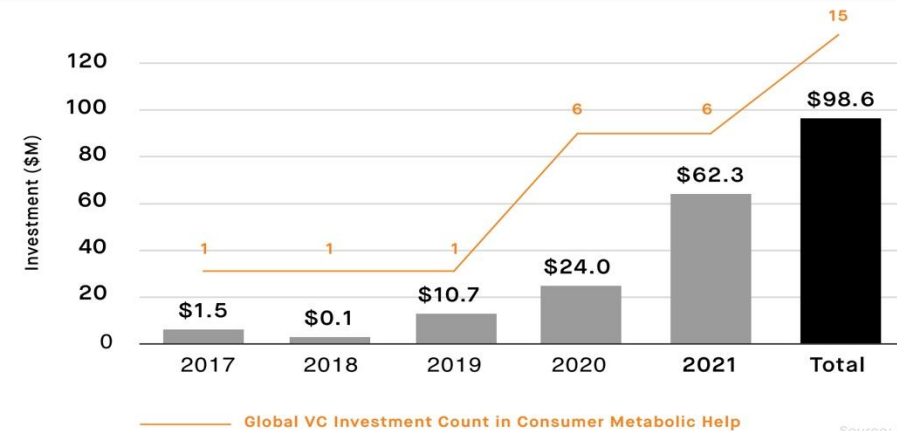
Obesity Treatment Market Size, 2022 To 2030 (USD Billion)



Source: ESOMAR, Vantage Market Research

Consumer Metabolic Health Investments

Fit Insider



Source: Pitchbook

HOW GLP-1 CHANGED THE MARKET

1. Some of the drugs available in the market for GLP-1, reset the metabolic trends.
2. People expect faster appetite control, fat loss, and glucose balance.
3. Supplement buyers are asking for “drug-like results, naturally”
4. The shift is increasing the demand for the traditional herbal ingredients like berberine, etc..

PHARMACEUTICAL INNOVATION IN METABOLIC HEALTH



APPETITE
CONTROL

GLUCOSE
BALANCE

FAT
LOSS

WHAT THE MARKET WANTS NOW



The metabolic category has evolved.

Today's consumers - and the brands that serve them - are no longer impressed by **high dosages** and **slow outcomes**.

They want metabolic intelligence, not milligrams.

Low-Dose, High Impact

Ingredients that work in higher doses of 1500 mg

Fast Onset

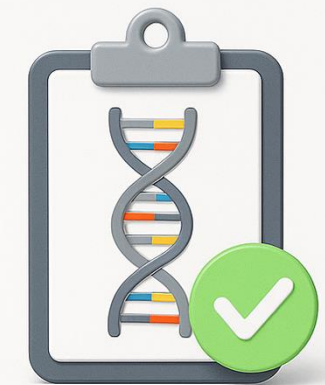
Results in days or weeks - not months

Clinically Proven

Human data, not just tradition or theory

Clean-Label Science

Solvent-free, plant-based, transparent sourcing



About Berberine:

Ancient Root with more than 3000 years history.

A Natural Molecule with a Modern Mission:

Berberine is a naturally occurring alkaloid found in Berberine roots (Indian Barberry) and other plants. It is well-recognized for supporting metabolic health, cardiovascular function, and healthy lipid and glucose metabolism.

WHY TRADITIONAL BERBERINE FALLS SHORT



Low Absorption

Less than 2 % of the compound reaches active circulation, limiting clinical impact.

High Dose Requirement

Needs 1000–1500 mg daily to achieve meaningful results - impractical for formulators and consumers.

Slow Onset

Longer duration and multiple dosages' for visible metabolic wellness

Digestive Discomfort

Commonly causes bloating, nausea, and loose stools that reduce user compliance.

Modern consumers demand faster, low-dose and high impact - something regular berberine extract simply can't deliver.

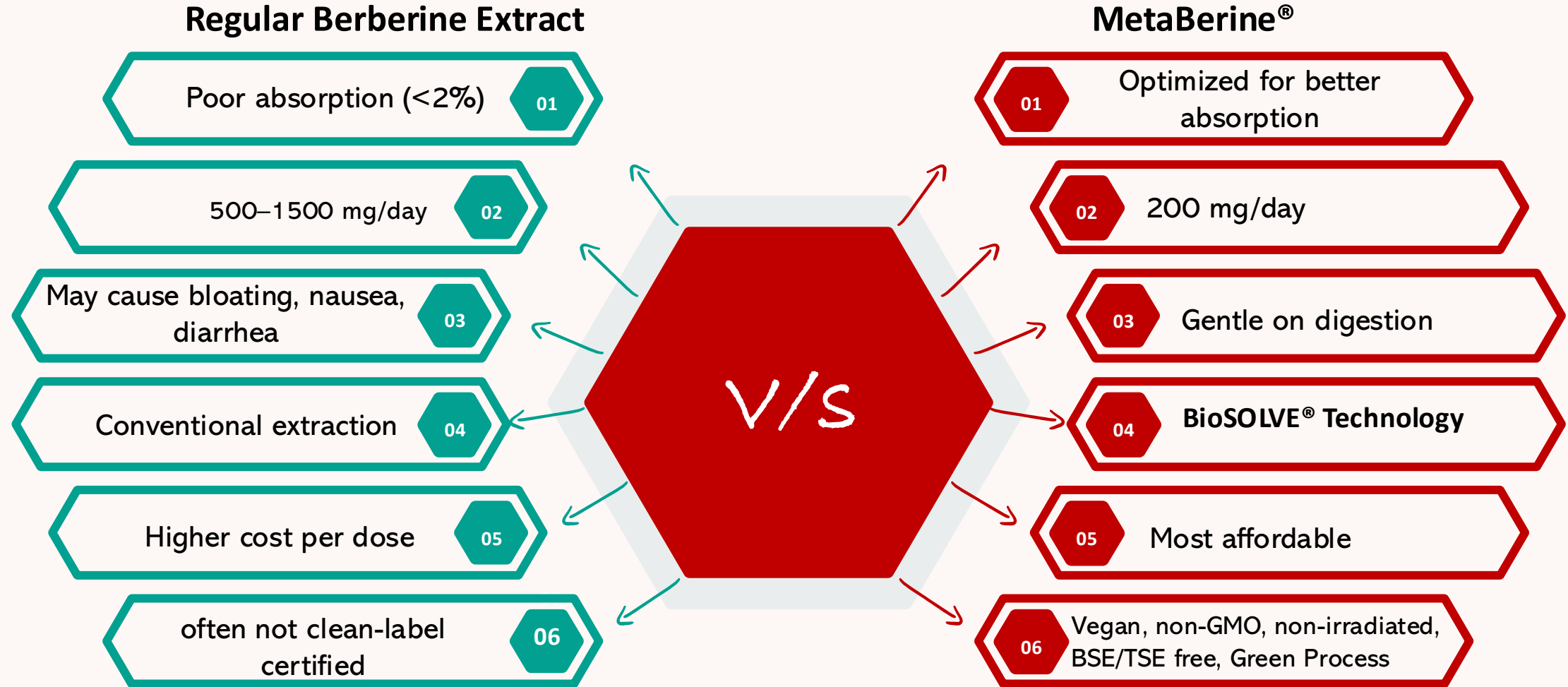
MetaberineTM

The logo for Metaberine features a large, dark blue, stylized letter 'M'. A small red square is positioned on the upper horizontal bar of the 'M'. To the right of the 'M', the word "etaberine" is written in a dark blue, sans-serif font, and a superscripted "TM" is located at the end of the word.

Enriched Berberine, Metabolic Health

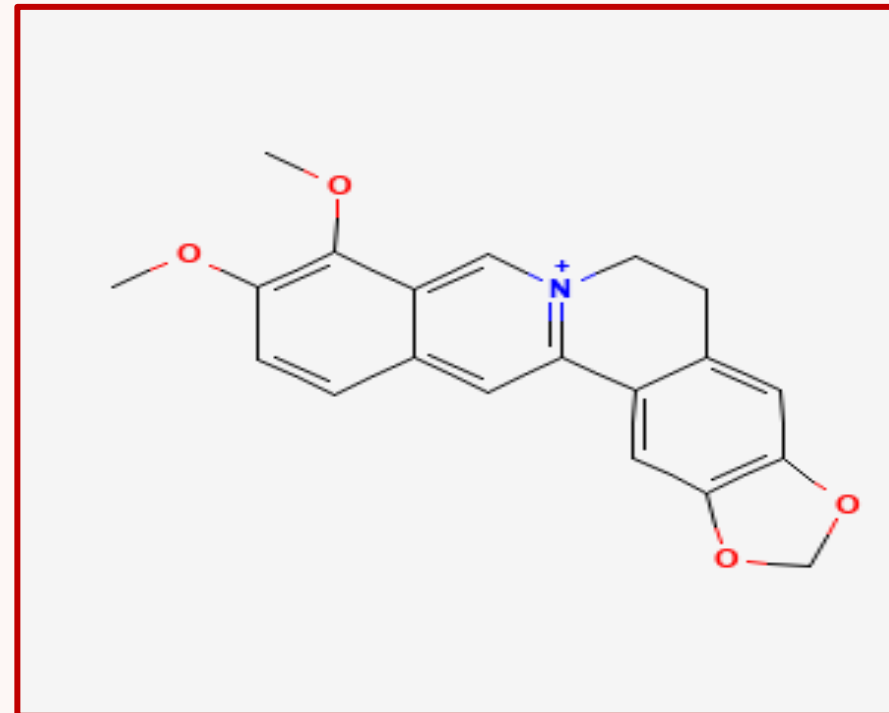
MetaberineTM Is An Advanced, Enriched Biooptimised Berberine developed with **BioSOLVE Technology**

What Makes the Difference



The Science Behind Metaberine (Photochemistry)

- **Metaberine** is a standardized enriched **Berberine 30% by HPLC**, manufactured by a proprietary patented BioSOLVE technology.
- Berberine is a Isoquinoline alkaloid naturally present in the plant species- *Berberis aristata*.



Shown: Chemical Structure of Berberine

Triple Pathway Advantages

AMPK Activation

- Switches the body into “metabolic efficiency mode”
- Increases glucose uptake & fat oxidation
- Enhances insulin sensitivity & cellular energy



GLP-1 Response Support

- Helps regulate appetite & cravings
Improves post-meal glucose response
- Same metabolic pathway popularized by Some brands in the market

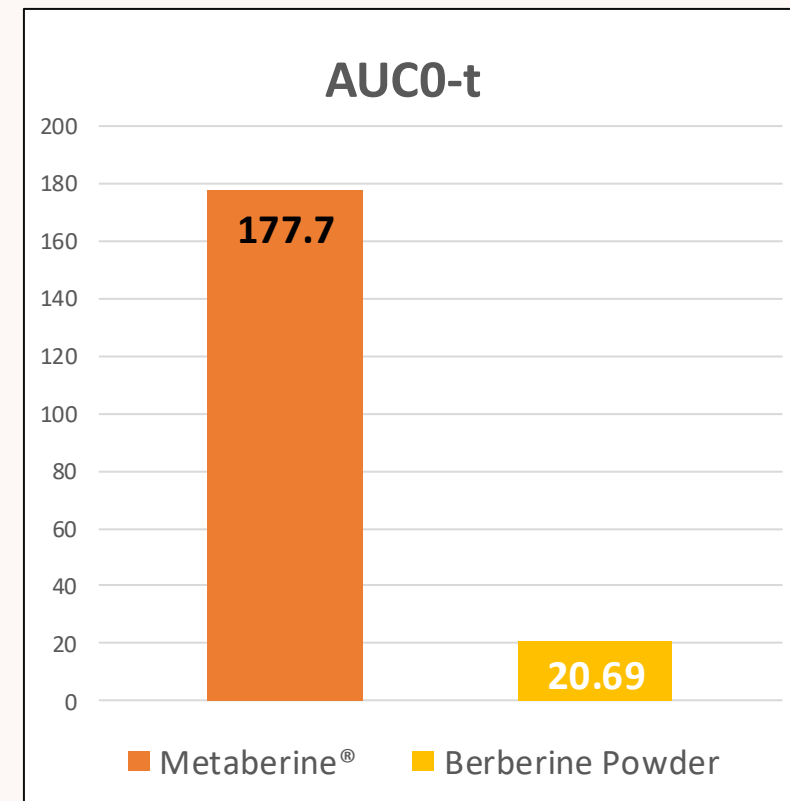
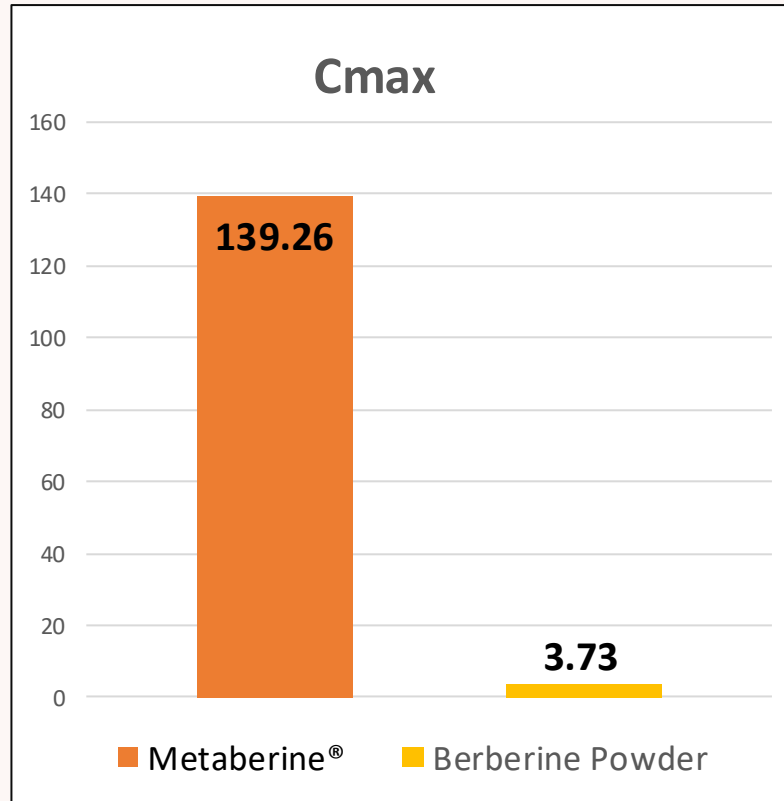
CONFIDENTIAL

Lipid Metabolism

- Modulates lipid metabolism
- Helps in reduce LDL and total cholesterol levels
- supports cardiovascular health.



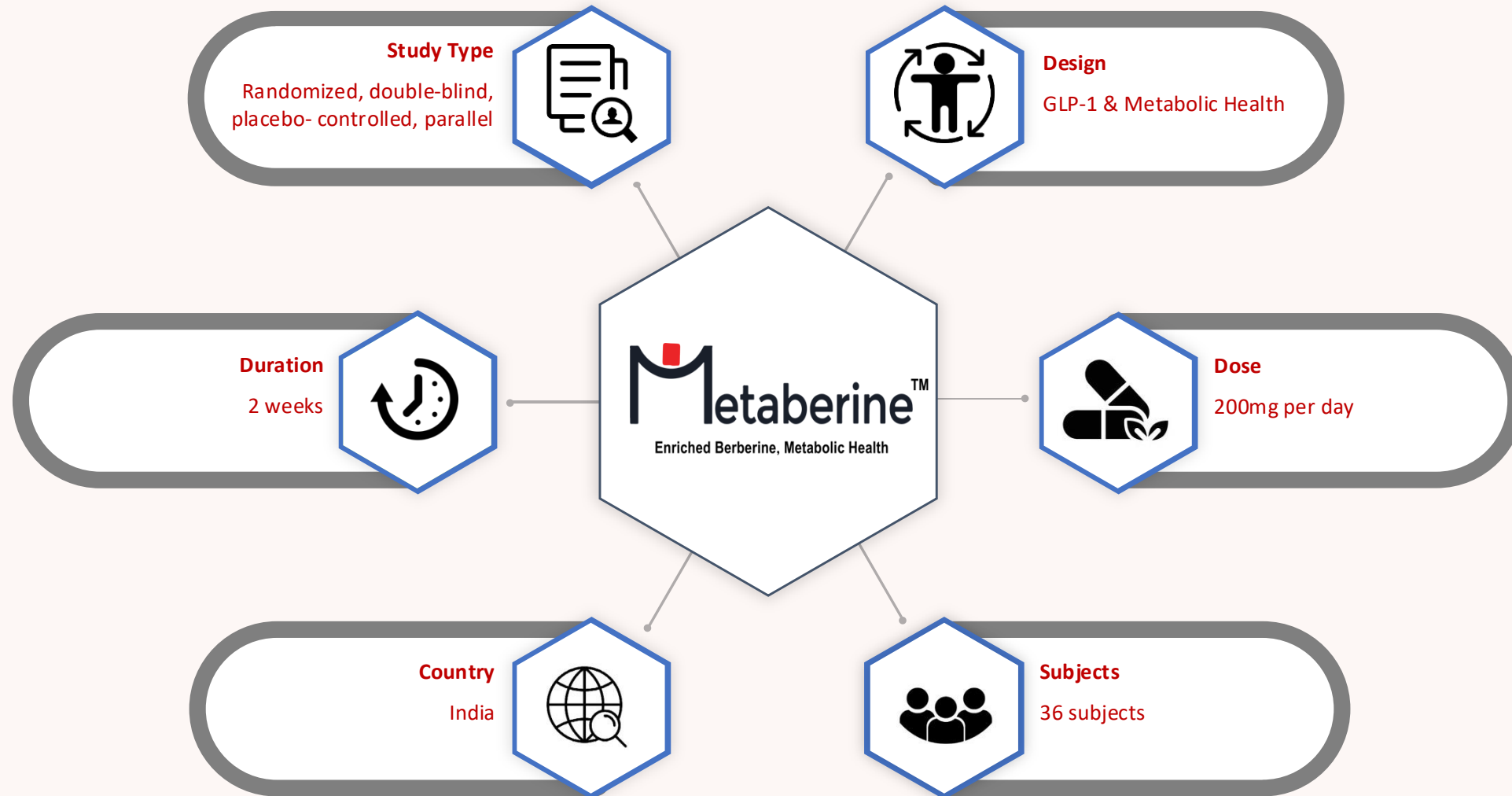
BIOAVAILABILITY STUDY RESULTS



- **37× higher C_{max}** vs standard berberine extract
- **9× higher Bioavailable AUC** (total absorption)
- Peak absorption in **~30 minutes** vs ~8 hours

CONFIDENTIAL

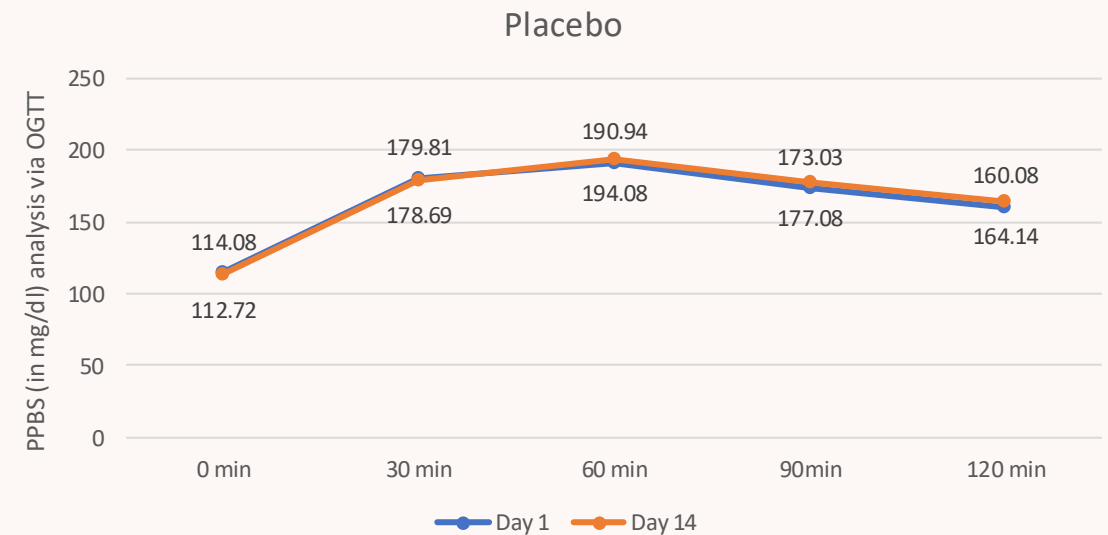
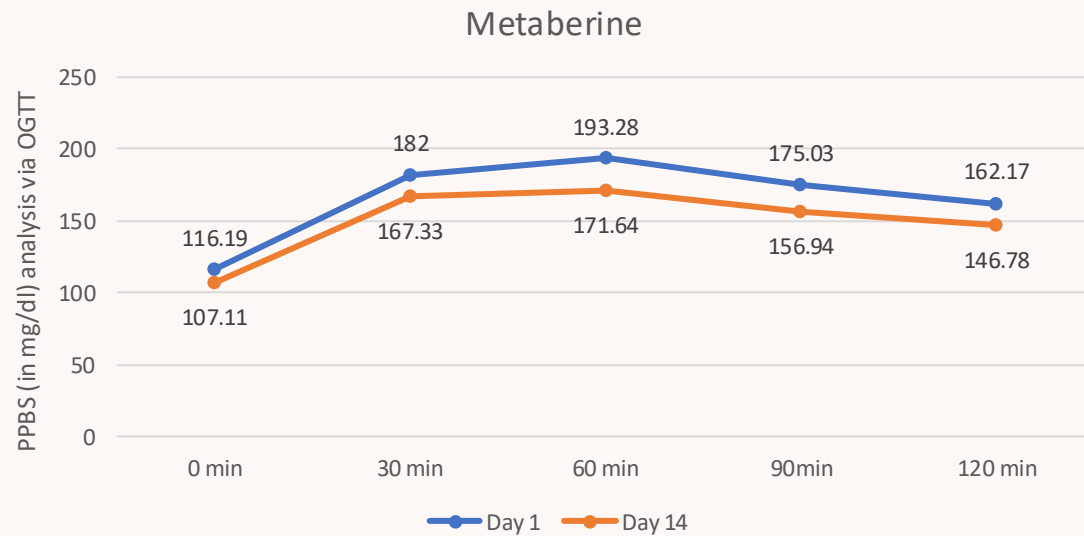
Metaberine®: Clinical Study



Clinical Study Highlights

(Metaberine - 200 mg/day for 14 days):

Post Prandial Blood Glucose (PPBG) analysis via Oral Glucose Tolerance Test (OGTT)

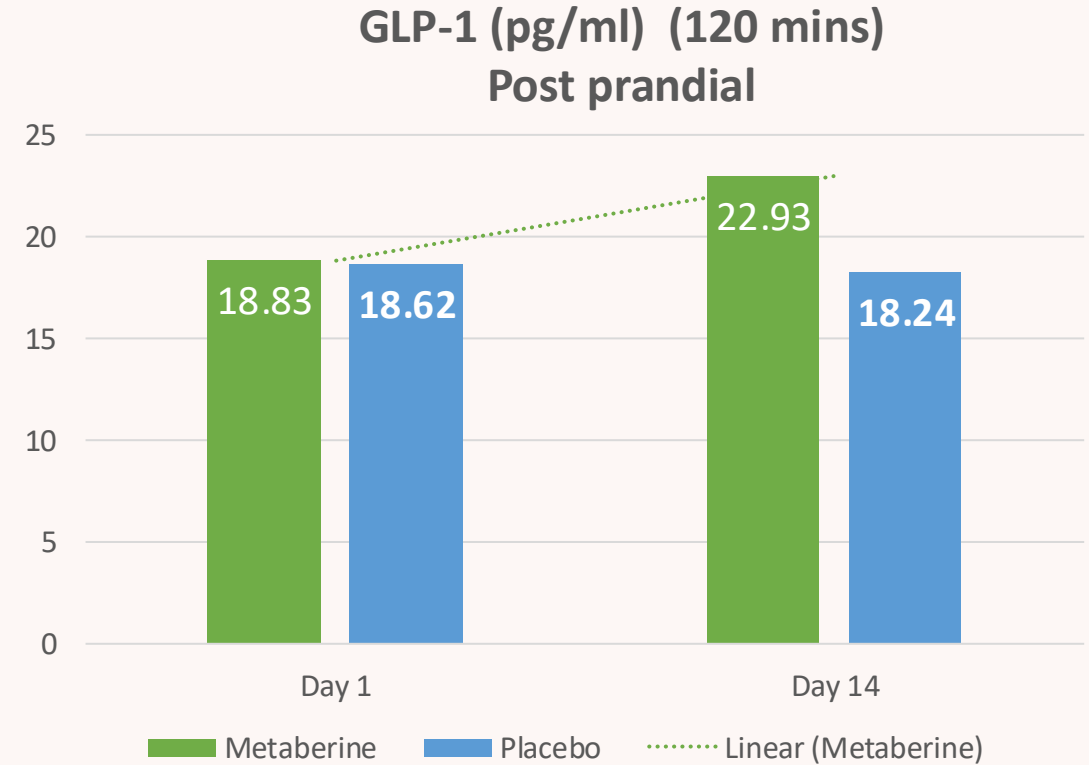
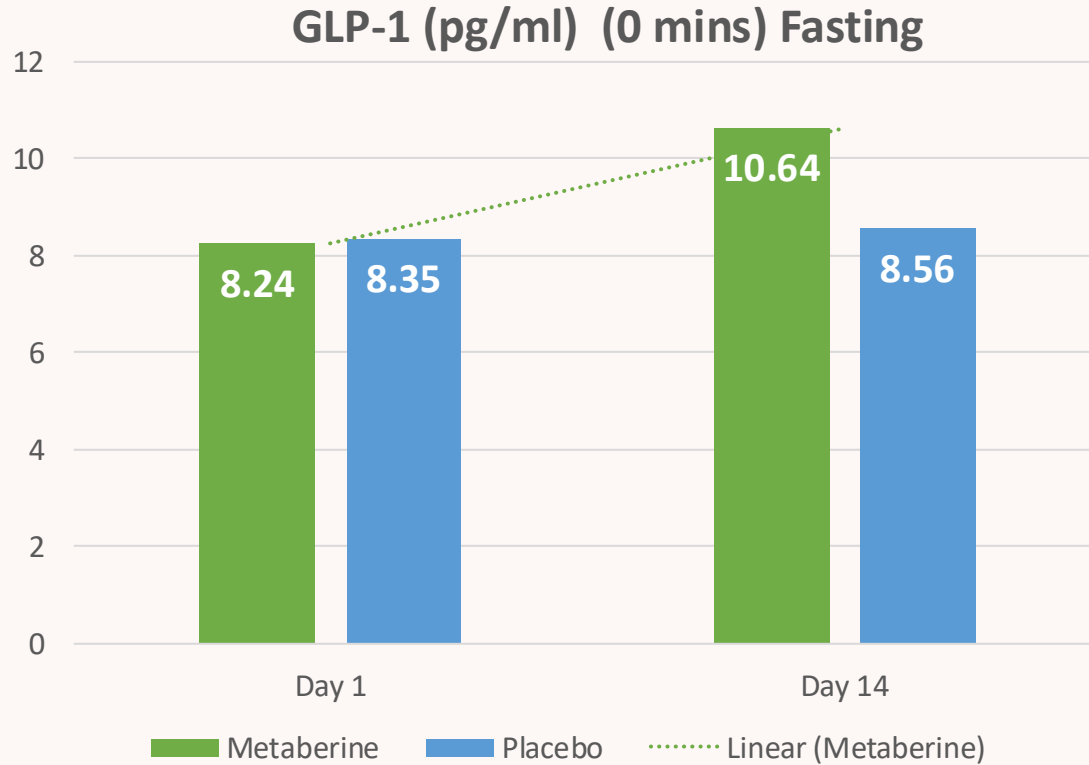


8% Reduction in Fasting Blood Glucose Levels

14% Decline in Post-Prandial Glucose Spike

Clinical Study Highlights

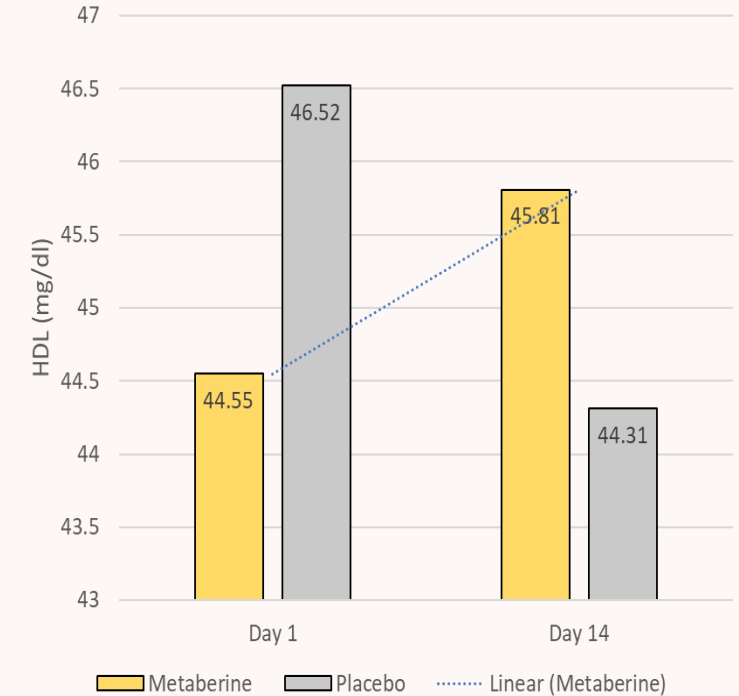
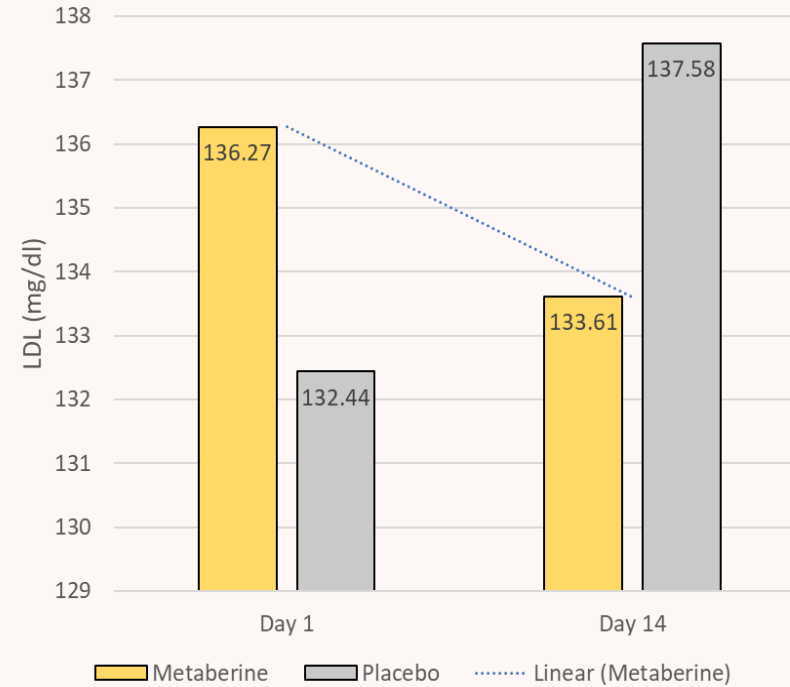
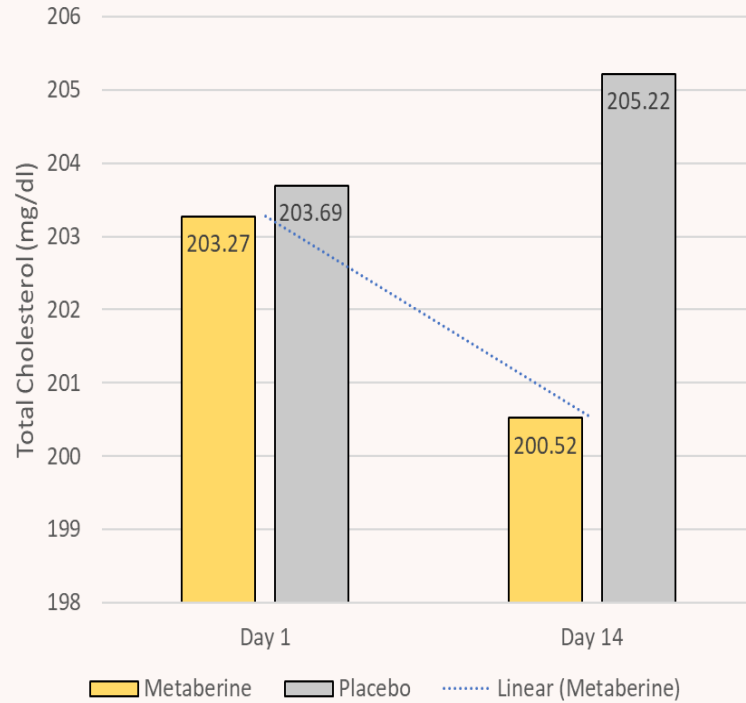
(Metaberine - 200 mg/day for 14 days):



23% increase in GLP-1 hormone levels (supports weight management)

Clinical Study Highlights

(Metaberine - 200 mg/day for 14 days):



Reduction in **LDL** and **Total Cholesterol Levels** and increase in **HDL** (supports a healthy lipid profile) in 14days

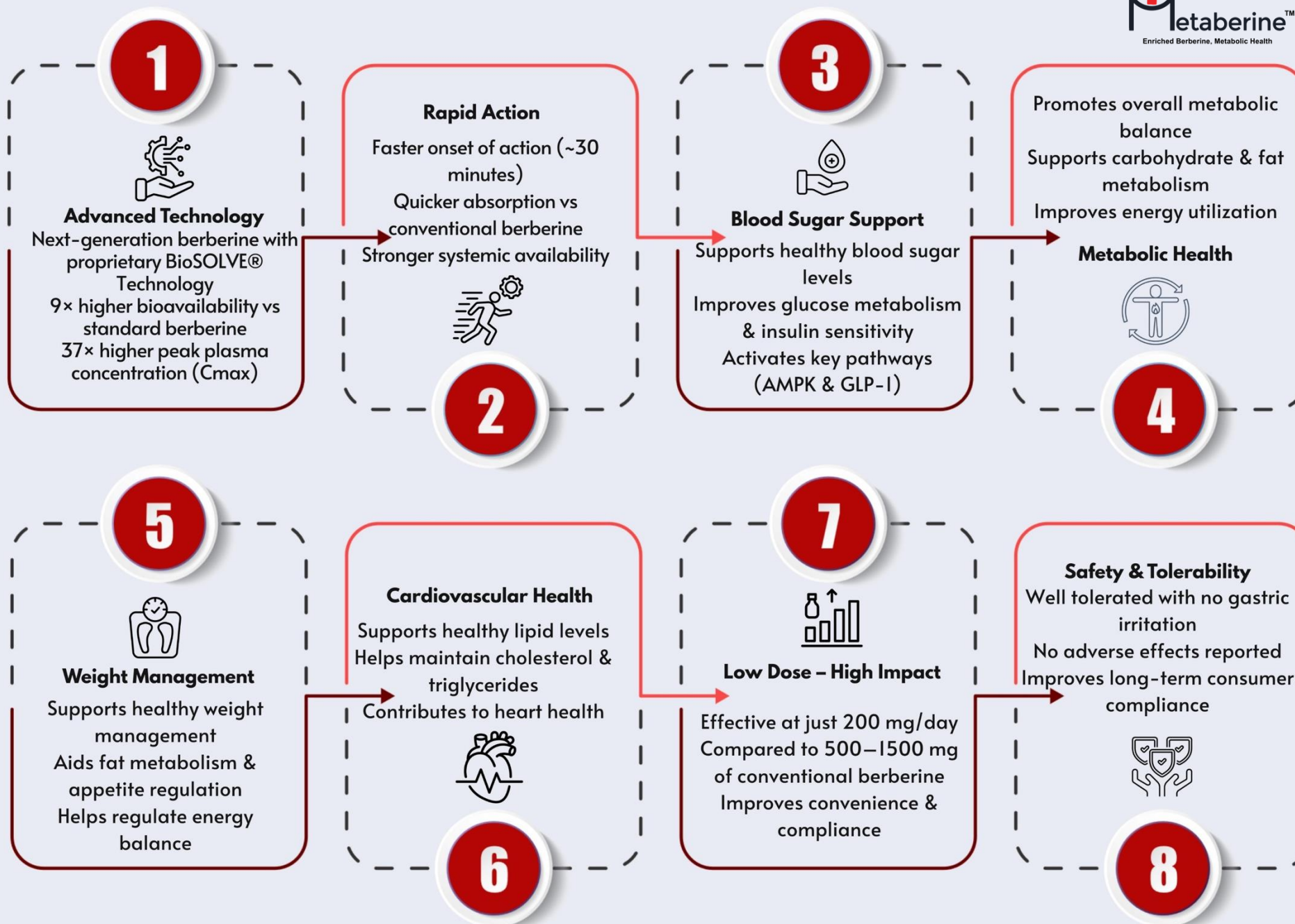
2nd Human Clinical Study Initiated

Metabolic Profile & GLP-1 (Efficacy & Safety Study) at 200mg/day: Ongoing

- Randomized double blind Placebo controlled trial (RCT)
- Number of Subjects: **100**
- Duration: **12 weeks**
- Primary Endpoints: **HbA1c, FBG, PPG & GLP-1**
- Secondary End Point: **Lipid levels & BMI /Weight changes**

Bioavailability (Human PK Study) - Planned for Q4 2026

- Randomized crossover (healthy subjects)
- Metaberine vs standard berberine comparison
- Endpoints: Cmax, Tmax, AUC



Metaberine® - Solubility

Adding 200mg of active in 240mL Water

Metaberine exhibits rapid solubility compared to regular extract

A clear yellowish solution



Berberine regular extract

MetaBerine®

Why Choose Metaberine® from Zeus?



Increased Solubility



Improved Bioavailability



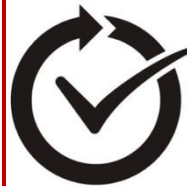
Safe, Effective Lower Dosage



Less bitter in taste



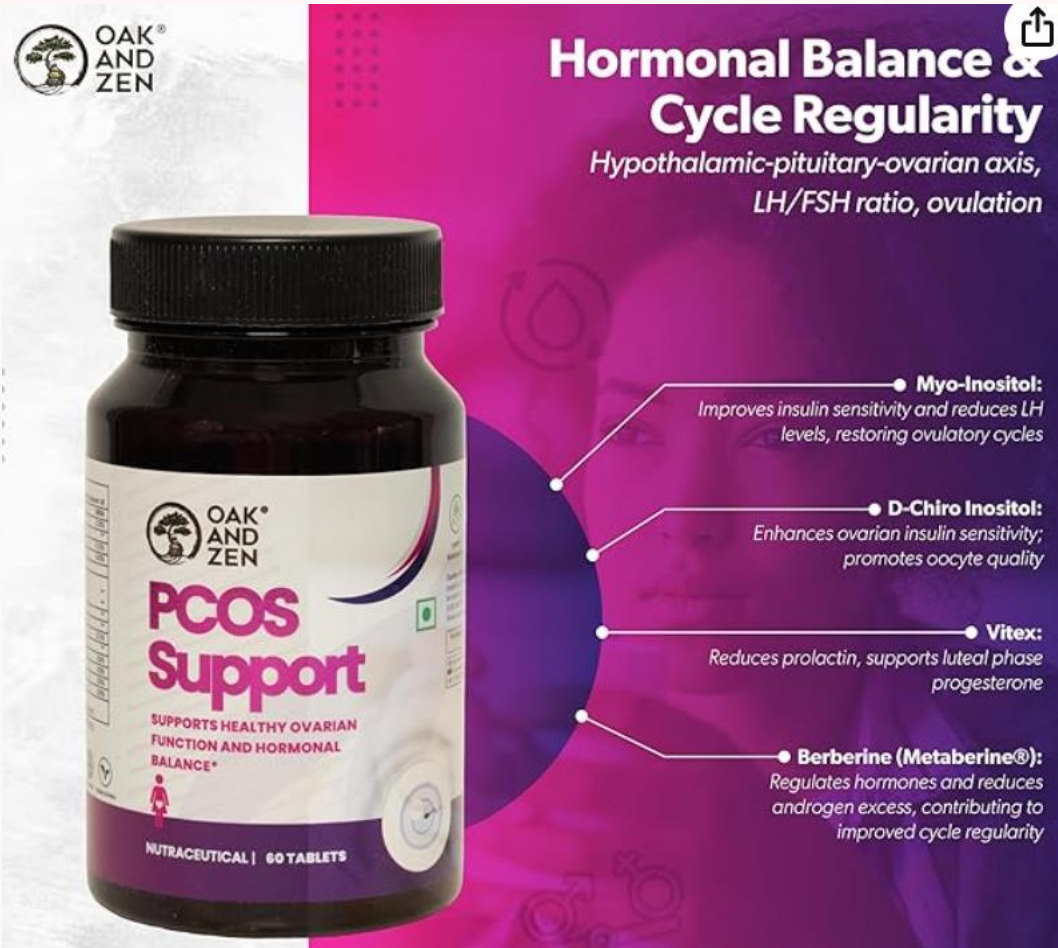
Suitable for various application formats:
capsules, sachets etc



Proven Technology

MARKETED BRAND LABELS

INDIA



BRAND : Oak and Zen PCOS Support

COMPANY : Oak And Zen

MARKET: India

BRIEF DESCRIPTION:

is a nutraceutical supplement designed to help women manage symptoms of Polycystic Ovary Syndrome (PCOS). It contains a blend of ingredients aimed at supporting hormonal balance and ovarian function

Ingredients:

Inositol (Myo-Inositol and D-Chiro-Inositol), Berberine Extract (Metaberine®), Chasteberry (Vitex) Extract, N-Acetyl-Cysteine (NAC), Vitamin D3, Folate, Biotin, Magnesium, and Chromium

Link:

<https://www.globallinker.com/brand/oak-and-zen>

USA

NUTRITUNES

TUNING HEALTH NUTRITIONALLY

METABOMIN

Multi-Action Metabolic Support

- ✓ Support Healthy Fat & Carbohydrate Metabolism
- ✓ All-in-one Standardized extracts at science backed levels
- ✓ Fast-acting & highly bioavailable berberine Metaberrine*

Metaberrine is a trademark that belongs to ZEUSHYGLIA life sciences

CAUTION: If you are pregnant or nursing, taking any anticoagulants (such as warfarin, Coumadin, or heparin), or taking medication for a medical condition, consult your healthcare practitioner before using this product. Please use caution if you have sensitivities to any of the listed ingredients. If you experience any unpleasant reactions, reduce the dosage or discontinue use of the product. Keep out of reach of children.

SUGGESTED USE:
Adults: take one capsule daily with water, preferably with a meal. Metaberrine is a registered trademark of Zeus Hygia Life Sciences

FAT & SUGAR METABOLISM SUPPORT

- Metaberrine* BERBERINE
- CHROMIUM
- GRAINS OF PARADISE
- GYMNEMA
- BANABA

60

CAPSULES

VEGAN

NON GMO

DIETARY SUPPLEMENT

SUPPLEMENT FACTS

Serving Size: 1 CAPSULES
Servings Per Container: 30

	Amount Per Serving	%DV
Calories	16 cal	
Berberine (Metaberrine)	200 mg	†
Chromium Picolinate	200 mcg	†
Banaba Leaf Extract 10%	250 mg	†
Gymnema	3 mg	†

*Percent Daily Values (DV) are based on a 2,000 calorie diet.
† Daily Value (DV) not established.

Ingredients: NavaSOL® Curcumin (polyorbate 80 (emulsifier)), Turmeric extract (Curcuma longa) (rhizome)

Shell Ingredients: Gelatin, Vegetable Glycerin and Purified Water.

Distributed by
NUTRITUNES LLC, 530 East Main Street,
Unit 6B, Chester NJ, 07930

Any Questions: support@nutritunes.com

STORE IN A COOL, DRY PLACE.

LOT # AND BEST BY DATE PRINTED ON BOTTOM OF THE BOTTLE

MADE WITH PLANT-BASED NATURAL INGREDIENTS

30 MOUTH MELTING STRIPS

REDUCE

appetite & craving control*

clinically proven†

rapid dissolve

vegan friendly

sugar free

tastes like mint

with Metaberrine* Berberine & Saffron to support appetite control & cravings*

NET WT 6.6 G e 0.22 OZ
DIETARY SUPPLEMENT

HALO LABS

MADE WITHOUT:
GLUTEN, GMO, SOY, NUTS, DAIRY

HALO LABS

Supplement Facts

Serving Size: 1 Oral Strip (300 mg) | Servings Per Container: 30

	Amount Per Serving	% DV**
Metaberrine* (Berberine extract)	200 mg	-
Crocus sativus (Saffron Stigma extract)	10 mg	-

* Daily Value not established
**Percent Daily Values are based on a 2,000 calorie diet
% Daily Value/% Nutritional Reference Value**

Other Ingredients: pullulan, erythritol, cellulose, lemon flavor, medium chain triglycerides, malic acid, sunflower lecithin, sodium alginate, winter mint flavor, steviol glycosides.

*Clinically proven ingredients
Metaberrine* is a registered trademark of Zeus Hygia Life Sciences Private Ltd

WARNINGS: Not intended for use by pregnant or lactating women or anyone undergoing medical treatment. Discontinue use and consult your doctor if any adverse reactions occur. For adult use only. Do not exceed the recommended dose. Keep out of reach of children. Not a substitute for a varied diet.

Directions: Take one Halo Strip daily in the AM, Place on Tongue. Close Eyes. Breathe. Feel the Shift. Allow the Strip to melt fully before swallowing.

*This statement has not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.

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UPC

Product Certifications



THANK YOU

Zeus Hygia Lifesciences Private Ltd.



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