

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

CBD Dosage Calculator MCP.

Get precise, research-backed dosing schedules for your wellness goals.

CBD Dosage Calculator provides personalized dosing regimens and titration schedules. Your AI client uses this MCP to calculate starting doses, determine therapeutic milligram ranges, and check if your specific CBD products are practical for your intended dosage needs.

A+ Quality Score 100/100

cbd

dosage

wellness

health

titration



The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.

— Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256

Encryption at rest

Ed25519

PKI vault signatures

24h TTL

Ephemeral session keys

V8 Isolate

Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT`https://edge.vinkius.com/{token}/mcp`

Claude



Cursor



VS Code



Windsurf



Grok



Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1)
Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

Get started at cloud.vinkius.com — connect your AI agent in under 60 seconds.

CBD Dosage Calculator MCP

4 tools available

Cloud-hosted on Vinkius

You can stop guessing how much CBD to take. This MCP gives your AI client the ability to build complete, research-based dosing plans tailored to your specific body weight and wellness objectives. Whether you are looking to improve sleep, manage anxiety, or aid in physical recovery, your agent can now provide a structured titration schedule. This means you get a clear path from your initial starting dose to your optimal therapeutic level through incremental steps. The tool also helps you understand the math behind your products. It checks if the concentration of the CBD you have on hand actually makes sense for the dose you need, so you aren't stuck trying to measure impossible amounts. It also provides context on timing, explaining why certain doses work better at specific times of the day to align with your body's natural rhythms.

Core Capabilities

01 — Personalized Regimens

Your agent creates a step-by-step titration schedule based on your weight and goals.

02 — Therapeutic Range Checks

The AI identifies the standard milligram ranges for specific wellness targets.

03 — Product Suitability Validation

Your client verifies if a product's concentration is practical for your target dose.

04 — Timing Optimization

The AI explains the best times of day to take a dose to meet your objectives.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/cbd-dosage-calculator — connect your AI agent in three steps.

- 01 Connect your preferred MCP-compatible client to Vinkius.
- 02 Provide your weight and wellness goal to your AI agent.
- 03 The agent uses the MCP tools to calculate your specific plan.
- 04 Receive a complete regimen including doses, timing, and titration steps.

Connect your AI client to Vinkius and start asking for dosing data immediately.

Built For

This MCP is for individuals managing their own wellness through CBD and those who want data-driven dosing instructions.

Wellness Enthusiasts

People looking for structured, research-based ways to start a CBD routine.

Health Coaches

Professionals who use AI to help clients understand dosage math and titration schedules.

What Changes When You Connect

- 01 Removes guesswork from the titration process.
- 02 Matches product concentrations to specific dosage requirements.
- 03 Provides timing logic based on wellness goals.

04 Uses research-based ranges for specific health objectives.

Real-World Applications

Starting a New Routine

A user new to CBD uses the MCP to get a safe, incremental starting dose and titration plan.

Product Verification

A user checks if their current CBD oil concentration is easy to use for their calculated dose.

Optimizing Sleep

An individual uses the tool to find the right time of day to take their dose for better rest.

Goal Alignment

A user identifies the typical milligram range needed for anxiety or recovery.

4 Tools Available

#	TOOL	DESCRIPTION
01	calculate_dosage_plan	This tool builds a complete, personalized CBD regimen. It provides your starting dose, specific titration steps, and the best timing for your needs.
02	get_goal_thresholds	This tool identifies the typical therapeutic milligram ranges. It tells you the standard dosage amounts used for specific wellness goals.
03	get_timing_guidance	This tool provides context on administration times. It explains why a specific time of day is recommended for your particular goal.
04	validate_product_suitability	This tool checks product practicality. It determines if the concentration of a specific CBD product is suitable for your calculated dose.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U I weigh 70kg and I am new to CBD. I want to use it for sleep. What is my dosage plan?



Your starting dose is 15mg. You should take this in the evening. Your titration schedule involves staying at 15mg for 5 days, then increasing to 30mg for 5 days.

U What is the typical therapeutic range for anxiety?



For anxiety, the typical therapeutic range is between 25mg and 75mg per day.

U Is it a good idea to take my CBD in the morning for sleep?



No, for sleep goals, it is better to take the dose in the evening or at night to align with your circadian rhythm.

Frequently Asked Questions

01 How does this MCP help with CBD dosing?

It provides research-based dosage plans, titration schedules, and timing guidance through your AI client.

02 Can I use this for specific goals like sleep or anxiety?

Yes, the MCP provides specific milligram ranges and timing recommendations for goals like sleep, anxiety, pain, or recovery.

03 What is titration?

Titration is the process of gradually adjusting your dose. This MCP provides a schedule to increase your dose in controlled steps.

04 Does it work with any AI client?

It works with any MCP-compatible client like Claude, Cursor, or Windsurf once connected via Vinkius.

05 Can it check if my CBD oil is the right strength?

Yes, the `validate_product_suitability` tool checks if a product's concentration is practical for your calculated dose.

Go Live in 60 Seconds

Get your connection token from cloud.vinkius.com, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

`https://edge.vinkius.com/[TOKEN]/mcp`

CLIENT	WHERE TO CONFIGURE
 Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 Cursor	Settings → Features → MCP Servers → "+" Add New MCP Server" → Type: SSE → Paste endpoint
 VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"cbd-dosage-calculator": { "url": "..." }</code>
 Windsurf	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
 Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

-  Ask ChatGPT 
-  Ask Claude 
-  Ask Perplexity 
-  Ask Gemini 
-  Ask Grok 

READY TO CONNECT

CBD Dosage Calculator is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and
start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

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DOCUMENT INFORMATION

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Server ID	01a0b67f-1c8d-71b1-baa5-7e358e1b76ad
Platform	Vinkius Cloud for AI Agents
Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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