MCP SERVER | NO CODE | CLOUD HOSTED

Wine Pairing Matcher MCP

Pairing wines to dishes, every time.

Wine Pairing Matcher uses classical culinary rules to recommend perfect wine styles for any meal configuration. Input your dish's proteins, sauce weights, and flavor intensity, and get expert guidance on pairing or identifying potential clashes.

A+ Quality Score 100/100

wine | pairing | sommelier | gastronomy | cooking

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vinkius.com/mcp/wine-pairing-matcher

SCAN TO VIEW

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.

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.

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.

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	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	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.

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.

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.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken 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.

Agent Activity

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

FinOps

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

Tool Health

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

Firewall & DLP

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

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.

Wine Pairing Matcher MCP

3 tools available
Cloud-hosted on Vinkius

Building a menu is one thing; matching the perfect bottle of wine takes another. This MCP helps you nail that crucial connection between plate and glass by analyzing fundamental food characteristics. You don't just guess—you follow established sommelier principles. By assessing factors like protein type, sauce density, and flavor intensity, it suggests wines that complement or contrast your ingredients effectively. Whether you're writing a recipe column or running a restaurant service, this tool ensures the wine elevates the meal rather than fighting with it. You can use Vinkius to connect your preferred AI client directly to this expertise. Need foundational knowledge? The MCP also provides general guidelines for proteins and helps you check if any particular combination carries a risk of palate clash.

Core Capabilities

01 — Get specific wine style recommendations

Provides an expert suggestion for a suitable wine type based on your complete dish profile.

02 — Identify potential flavor clashes

Evaluates whether combining a specific wine style with certain food components is likely to taste bad.

03 — Review protein pairing basics

Retrieves the foundational rules and principles for pairing wines with different types of proteins.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/wine-pairing-matcher** — connect your AI agent in three steps.

01 Feed the MCP your full dish description, including key ingredients like the primary protein, sauce texture, and overall flavor strength.

02 The system analyzes these components against classical wine pairing theory to determine the best match or potential conflict.

03 You receive a clear recommendation—a suggested wine style, or an explicit warning about clashing flavors.

The bottom line is that you stop guessing and start following proven culinary rules.

Built For

This MCP is essential for food writers, high-end restaurant chefs, sommeliers in training, and recipe developers. If your job involves pairing—or even just writing about pairings—you know the pain of guessing. You need reliable, structured knowledge that goes beyond 'red wine with meat.'

Culinary Editor/Food Writer

Needs to write accurate and sophisticated pairing descriptions for publications without having a sommelier on staff.

Restaurant Chef

Designs multi-course tasting menus, ensuring the wine list selection perfectly supports the dishes prepared that night.

Sommeliers in Training

Practices advanced pairing theory and learns how specific ingredients affect both the dish's flavor profile and the wine's structure.

What Changes When You Connect

01 You eliminate pairing guesswork. Use `match_wine_to_dish` to get a concrete wine suggestion based on specific ingredients, not just vague categories.

02 Avoid embarrassing mistakes. Run `check_pairing_risk` before finalizing your menu to flag any combinations that might clash in the mouth.

03 Build foundational knowledge quickly. Get context-specific rules using `get_protein_guidelines` so you know why certain pairings work, not just that they do.

04 Save hours of research time. Instead of consulting dozens of guides on protein types, this MCP summarizes expert pairing principles in seconds.

05 Elevate your content immediately. Your articles and menus sound genuinely authoritative because the recommendations are rooted in classical structural symmetry.

Real-World Applications

Designing a new tasting menu

The chef needs to pair a highly spiced beef steak with a thick reduction sauce. They use `match_wine_to_dish`, and the MCP suggests a full-bodied red wine. This prevents the dish from getting lost in weak, acidic pairings.

Writing about seafood pairings

A food critic needs to write an article on salmon with a heavy cream sauce but isn't sure if white wines are safe. They use `check_pairing_risk` and get a warning that the high fat content risks overwhelming light, acidic wine.

Learning basic gastronomy rules

A new restaurant employee needs to understand protein-based pairing basics for their shift. They simply call `get_protein_guidelines` and get a quick reference guide for seafood or poultry pairings.

Patterns to Avoid

Pairing only by main ingredient

✗ AVOID

Assuming that because the dish has beef, any red wine will work. This ignores sauce weight and spice intensity, leading to a mismatch.

✓ INSTEAD

Always use `match_wine_to_dish`. Input all three variables—protein, sauce weight, and flavor intensity—for the most accurate pairing assessment.

Ignoring structural clashes

✗ AVOID

Pairing a light white wine with a heavy cream-based fish dish. The combination feels unbalanced and leads to palate fatigue.

✓ INSTEAD

Run `check_pairing_risk` first. This tool explicitly warns you about high fat content clashing with low-body wines.

Using vague general knowledge

✗ AVOID

Stating that 'red wine goes well with meat' without knowing the specific cuts or sauces, which is inaccurate and unhelpful.

✓ INSTEAD

Start with `get_protein_guidelines` to understand the foundational rules for beef, fish, or poultry before making any suggestions.

The Right Fit

Use this MCP if your job requires structured, technical advice on food pairings. Specifically, you need to know how proteins and sauce weights influence wine choice, which is more detailed than general guides. If your problem is simply 'What goes with chocolate?' then a dedicated flavor pairing tool might be better. However, if the question involves specific cuisine components like 'salmon in heavy cream,' this MCP's combination of `match_wine_to_dish` and `check_pairing_risk` is irreplaceable. Don't use it if you just need to check local wine availability; you need a tool that deals with culinary science, not inventory.

The Pain Point: Pairing Wine by Gut Feeling

Today, pairing is often guesswork. You look at the menu, maybe it's steak or fish, and you default to a 'safe' choice—a heavy Cabernet for red meat, or a crisp Sauvignon Blanc for seafood. This method ignores crucial variables like how thick the sauce is, or if the dish has intense spices. You end up with wine-dish combinations that are technically fine but lack true depth.

With this MCP, you get precision. Instead of general rules, your agent analyzes specific data points—the protein type, the sauce weight, and flavor intensity. The result isn't just 'a red wine'; it’s a highly targeted suggestion, making your pairing sound genuinely expert.

Get Specific Pairing Advice with match_wine_to_dish

Gone are the days of vague articles that just say 'rich flavors demand bold wine.' You don't have to cross-reference three separate guides—one for protein, one for sauces, and a third for flavor intensity. The MCP combines all this information into one actionable recommendation.

Now you can tell people *why* the pairing works. You move from vague suggestion to confident declaration. It’s that level of specific knowledge that changes your work.

Wine Pairing Matcher: 3 Tools

These tools let you check potential flavor clashes, get precise wine suggestions, or review the foundational rules of protein pairings.

#	TOOL	DESCRIPTION
01	`check_pairing_risk`	Determines if a certain wine style will negatively clash with one of your dish components.
02	`match_wine_to_dish`	Gives you a specific, expert recommendation for the best wine pairing given your entire meal setup.
03	`get_protein_guidelines`	Pulls up basic rules and guidelines on how to pair wine with various protein types.

See It in Action

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

U What wine should I pair with a beef steak with a heavy red wine reduction and robust spices?

A Full-bodied Red is recommended. The high tannins in the wine will complement the protein and fat, while the intensity matches the robust spice profile.

U Is a light white wine risky for a dish with salmon in a heavy cream sauce?

There is a High risk of palate clashing. The high fat content of the heavy sauce may overwhelm a light, acidic wine.

U What are the general pairing guidelines for seafood?

For seafood, you should look for wines with High acidity, Low tannins, and a Light body to avoid overpowering the delicate protein.

Frequently Asked Questions

01 **How does Wine Pairing Matcher use match_wine_to_dish?**

It takes the complete dish profile—protein, sauce weight, and intensity—and returns a specific wine style recommendation. This helps you move past general pairings to precise matches.

02 **Can I use check_pairing_risk before making my menu?**

Absolutely. You can run `check_pairing_risk` on any combination of dish component and wine style. It tells you if there's a high chance of palate clashing, letting you fix the issue before serving.

03 What kind of information does get_protein_guidelines provide?

This tool retrieves foundational, general principles for pairing wine with specific protein types like seafood or poultry. It's a great way to learn the basic rules if you're starting fresh.

04 Is Wine Pairing Matcher only for gourmet dining?

No. While it uses classical principles, it applies to any dish where ingredients and sauces are key components. You can use it on everything from simple grilled fish to elaborate banquet meals.

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 `"wine-pairing-matcher": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → 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

Wine Pairing Matcher 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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