



# AUDIT REPORT 2023

# Security Assessment PEPE MUSKY

June 19, 2023 Audit Status: Pass



WATERMIN

## Project Overview

#### **Token Summary**

| Parameter     | Result   |
|---------------|--|
| Address       | 0x851cfde0e339d0219d56e1ab8f3f783b3cc08da3                                       |
| Name          | PEPE MUSKY   |
| Ticker        | PEMU   |
| Decimals      | 18   |
| Supply        | 420,000,000,000  |
| Platform      | Binance Smart Chain  |
| Deployer      | 0xc209d1804195b7232c95317883e30c1c64c18014                                       |
| Compiler      | v0.8.19+commit.7dd6d404  |
| Contract Name | PepeMusky  |
| Optimization  | No with 200 runs   |
| License Type  | MIT  |
| Language      | Solidity   |
| Code Base     | https://etherscan.io/address/0x246fCdC18bF3781B4c510<br>0B3A6DEcEf8DBcC8a31#code |



### Risk Analysis

#### Classifications of Manual Risk Results

| Classification | Description                     |
|----------------|---------------------------------|
| Critical       | Danger or Potential Problems    |
| Major          | Be Careful                      |
| Minor          | Pass, Not-Detected or Sale Item |
| Informational  | Function Detected               |

The Purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended
- Identify potential security issues with the smart contract

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that we were identified.

The following quick summary it's added to the project overview; however, there are more details about the audit and its results. Please read every detail.

#### Manual Code Review Risk Results

| Contract Privilege     | Description                            |
|------------------------|--|
| Can Mint?              | Passed                                 |
| Edit taxes over 25%?   | Passed                                 |
| Max TX?                | Passed                                 |
| Max Wallet?            | Passed                                 |
| Has to enable trading? | Passed                                 |
| Modify Tax?            | Passed                                 |
| Can Blacklist?         | Passed                                 |
| Is Honeypot?           | Passed                                 |
| Trading Cool down?     | Passed                                 |
| Can Pause Trade?       | Passed                                 |
| Pause Transfer?        | Passed                                 |
| ls Proxy?              | Passed                                 |
| Is Anti Whale?         | Passed                                 |
| Is Anta Bot?           | Passed                                 |
| Is Blacklist?          | Passed                                 |
| Blacklist Check        | Passed                                 |
| Is Whitelist?          | Passed                                 |
| Buy Tax                | 9                                      |
| Sell Tax               | 9                                      |
| Can Take Ownership?    | Passed                                 |
| Hidden Owner?          | Passed                                 |
| Owner                  | 0x000000000000000000000000000000000000 |
| Self-Destruct?         | Not Detected                           |
| Holders                | 1                                      |
| Audit Confidence       | Medium                                 |
| Other?                 | Not Detected                           |

#### Assessment Summary

This report has been prepared for PEPE MUSKY Token on the Binance Smart Chain network. Attrand provides both client-centered and usercentered examination of the smart contracts and their current status when applicable. This report represents the security assessment made to find issues and vulnerabilities on the source code along with the current liquidity and token holder statistics of the protocol.

A comprehensive examination has been performed, utilizing Cross Referencing, Static Analysis, In-House Security Tools, and line-by-line Manual Review.

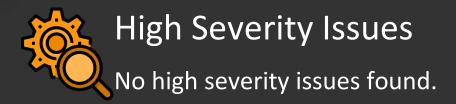
The auditing process pays special attention to the following considerations:

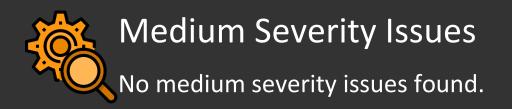
- Testing the smart contracts against both common and uncommon attack vectors.
- Inspecting liquidity and holders statistics to inform the current status to both users and client when applicable.
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Verifying contract functions that allow trusted and/or untrusted actors to mint, lock, pause, and transfer assets.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.

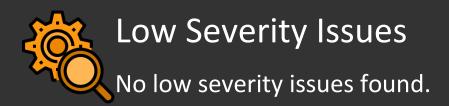
# Issues Checking Status

| Issue Description                      | Checking Status |
|--|-----------------|
| Compiler errors.                       | Passed          |
| Race conditions and Reentrancy.        | Passed          |
| Possible delays in data delivery.      | Passed          |
| Oracle calls.                          | Passed          |
| Front running.                         | Passed          |
| Timestamp dependence.                  | Passed          |
| Integer Overflow and Underflow.        | Passed          |
| DoS with revert.                       | Passed          |
| DoS with block gas limit.              | Passed          |
| Methods execution permissions.         | Passed          |
| Economy model of the contract.         | Passed          |
| The impact of the exchange rate on the | Passed          |
| logic.                                 |                 |
| Private user data leaks.               | Passed          |
| Malicious Event log.                   | Passed          |
| Scoping and Declarations.              | Passed          |
| Uninitialized storage pointers.        | Passed          |
| Arithmetic accuracy.                   | Passed          |
| Design Logic.                          | Passed          |
| Cross-function race conditions.        | Passed          |
| Safe Open Zeppelin contracts           | Passed          |
| implementation and usage.              |                 |
| Fallback function security.            | Passed          |

## Security Issues







#### Conclusion

Smart contracts do not contain high severity issues! Liquidity pair contract's security is not checked due to out of scope. The further transfers and operations with the funds raise are not related to this particular contract.

#### Social & Links

Website: N/A at the time of audit.

Twitter: N/A at the time of audit.

Telegram: <a href="https://t.me/PepeMusky">https://t.me/PepeMusky</a>

Discord: N/A at the time of audit.

Github: N/A at the time of audit.

Facebook: N/A at the time of audit.

Youtube: N/A at the time of audit.

Instagram: N/A at the time of audit.

Reddit: N/A at the time of audit.

## Logo



#### Disclaimer

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report. While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed.