



RugFreeCoins Audit



Turbo Pepe Token Smart Contract Security Audit

May 12th ,2023

Contents

| | |
|-------------------------------------|----|
| Audit details | 1 |
| Disclaimer | 2 |
| Overview | 3 |
| Background | 4 |
| Target market and the concept | 6 |
| Potential to grow with score points | 7 |
| Total Points | 7 |
| Contract details | 8 |
| Contract code function details | 9 |
| Contract description table | 11 |
| Security issue checking status | 14 |
| Owner privileges | 15 |
| Audit conclusion | 16 |

Audit details



Audited project
Turbo Pepe Token



Contract Address
0x73D3A884322AF11C6a5e35118c8296CBdAd68cAF



Client contact
Turbo Pepe Team



Blockchain
Binance smart chain



Project website
<https://www.turbopepe.net/>

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.

DISCLAIMER: By reading this report or any part of it, you agree to the terms of this disclaimer. If you do not agree to the terms, then please immediately cease reading this report, and delete and destroy any and all copies of this report downloaded and/or printed by you. This report is provided for information purposes only and on a non-reliance basis, and does not constitute investment advice. No one shall have any right to rely on the report or its contents, and Rugfreecoins and its affiliates (including holding companies, shareholders, subsidiaries, employees, directors, officers and other representatives) (Rugfreecoins) owe no duty of care towards you or any other person, nor does Rugfreecoins make any warranty or representation to any person on the accuracy or completeness of the report. The report is provided "as is", without any conditions, warranties or other terms of any kind except as set out in this disclaimer, and Rugfreecoins hereby excludes all representations, warranties, conditions and other terms (including, without limitation, the warranties implied by law of satisfactory quality, fitness for purpose and the use of reasonable care and skill) which, but for this clause, might have effect in relation to the report. Except and only to the extent that it is prohibited by law, Rugfreecoins hereby excludes all liability and responsibility, and neither you nor any other person shall have any claim against Rugfreecoins, for any amount or kind of loss or damage that may result to you or any other person (including without limitation, any direct, indirect, special, punitive, consequential or pure economic loss or damages, or any loss of income, profits, goodwill, data, contracts, use of money, or business interruption, and whether in delict, tort (including without limitation negligence), contract, breach of statutory duty, misrepresentation (whether innocent or negligent) or otherwise under any claim of any nature whatsoever in any jurisdiction) in any way arising from or connected with this report and the use, inability to use or the results of use of this report, and any reliance on this report. 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.

Overview

- ✓ No mint function found, the owner cannot mint tokens after initial deployment.
- ✓ The owner can't set a max transaction limit
- ✓ The owner can't pause trading.
- ✓ The owner can't set fees over 25%.
- ✓ The owner can't blacklist wallets.
- ✓ The owner can't set a max wallet limit
- ✓ The owner can't claim the contract's balance of its own token.

Background

Rugfreecoins was commissioned by the Turbo Pepe Team to perform an audit of the smart contract.

<https://etherscan.io/token/0x73D3A884322AF11C6a5e35118c8296CBdAd68cAF>

The focus of this audit is to verify that the smart contract is secure, resilient, and working according to the specifications.

The information in this report should be used to understand the risk exposure of the smart contract, project feasibility, and long-term sustainability, and as a guide to improving the smart contract's security posture by remediating the identified issues.

Tokenomics

0% when buying & selling

Target market and the concept

Target market

- Anyone who's interested in the Crypto space with long-term investment plans.
- Anyone who's ready to earn a passive income by holding tokens.
- Anyone who's interested in trading tokens.
- Anyone who's interested in taking part of the Turbo Pepe ecosystem.
- Anyone who's interested in taking part in the future plans of Turbo Pepe Token.
- Anyone who's interested in making financial transactions with any other party using Turbo Pepe Token as the currency.

Potential to grow with score points

| | | |
|--------------|---|---------------|
| 1. | Project efficiency | 8/10 |
| 2. | Project uniqueness | 8/10 |
| 3 | Information quality | 8/10 |
| 4 | Service quality | 8/10 |
| 5 | System quality | 8/10 |
| 6 | Impact on the community | 8/10 |
| 7 | Impact on the business | 8/10 |
| 8 | Preparing for the future | 8/10 |
| 9 | Smart contract security | 10/10 |
| 10 | Smart contract functionality assessment | 10/10 |
| Total Points | | 8.4/10 |

Contract details

Token contract details for 12th of May 2023

| | |
|---|--|
| Contract name | Turbo Pepe |
| Contract address | 0x73D3A884322AF11C6a5e35118c8296CBdAd68cAF |
| Token supply | 420,000,069,000 |
| Token ticker | VROOM |
| Decimals | 18 |
| Token holders | 2 |
| Transaction count | 2 |
| Contract deployer address | 0x6858657Da0458eeDD95FE7BF233B5bfA21ceD33d |
| Contract's current owner address | 0x6858657Da0458eeDD95FE7BF233B5bfA21ceD33d |






Contract code function details



















| No | Category | Item | Result |
|----|---------------------------------------|--|--------|
| 1 | Coding conventions | BRC20 Token standards | pass |
| | | compile errors | pass |
| | | Compiler version security | pass |
| | | visibility specifiers | pass |
| | | Gas consumption | pass |
| | | SafeMath features | pass |
| | | Fallback usage | pass |
| | | tx.origin usage | pass |
| | | deprecated items | pass |
| | | Redundant code | pass |
| | | Overriding variables | pass |
| 2 | Function call audit | Authorization of function call | pass |
| | | Low level function (call/delegate call) security | pass |
| | | Returned value security | pass |
| | | Selfdestruct function security | pass |
| 3 | Business security | Access control of owners | |
| | | Business logics | pass |
| | | Business implementations | pass |
| 4 | Integer overflow/underflow | | pass |
| 5 | Reentrancy | | pass |
| 6 | Exceptional reachable state | | pass |
| 7 | Transaction ordering dependence | | pass |
| 8 | Block properties dependence | | pass |
| 9 | Pseudo random number generator (PRNG) | | pass |
| 10 | DoS (Denial of Service) | | pass |
| 11 | Token vesting implementation | | pass |
| 12 | Fake deposit | | pass |

| | | | |
|----|----------------|--|------|
| 13 | Event security | | pass |
|----|----------------|--|------|

Contract description table

The below table represents the summary of the contracts and methods in the token contract. We scanned the whole contract and listed down all the Interfaces, functions, and implementations with their visibility and mutability.

| Contract | Type | Bases | | |
|----------------|----------------|---|---|-----------|
| L | Function Name | Visibility | Mutability | Modifiers |
| | | | | |
| Context | Implementation | | | |
| L | _msgSender | Internal  | | |
| L | _msgData | Internal  | | |
| | | | | |
| IERC20 | Interface | | | |
| L | totalSupply | External ! | | NO ! |
| L | balanceOf | External ! | | NO ! |
| L | transfer | External ! |  | NO ! |
| L | allowance | External ! | | NO ! |
| L | approve | External ! |  | NO ! |
| L | transferFrom | External ! |  | NO ! |
| | | | | |
| IERC20Metadata | Interface | IERC20 | | |
| L | name | External ! | | NO ! |
| L | symbol | External ! | | NO ! |
| L | decimals | External ! | | NO ! |

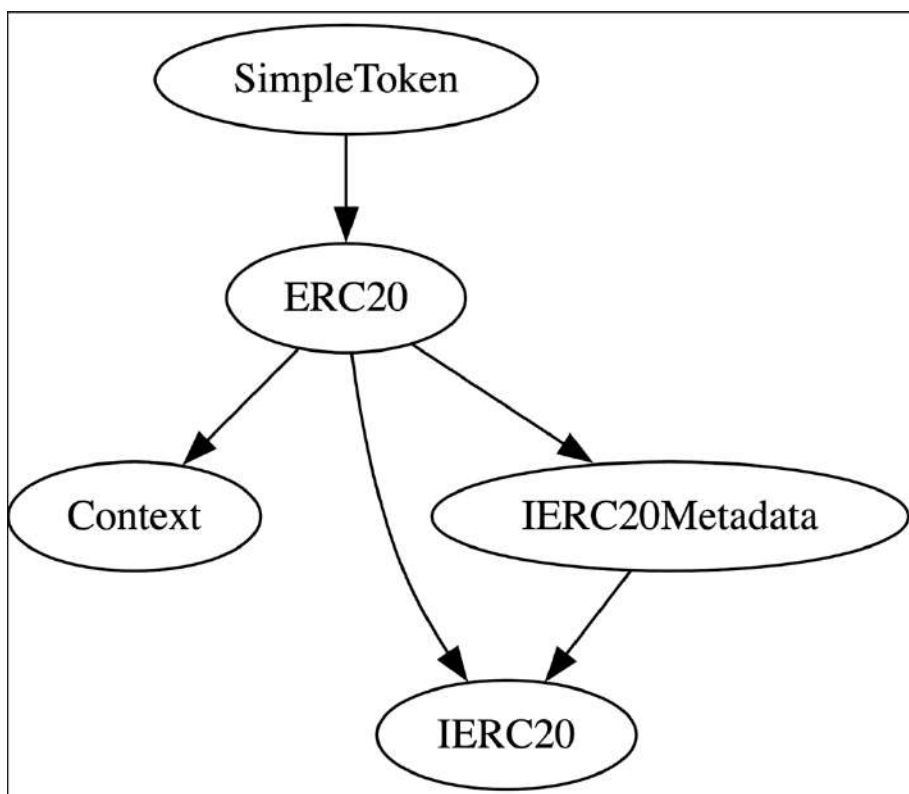
| ERC20 | Implementation | Context, IERC20, IERC20Metadata | | |
|-------|----------------------|---|---|------|
| L | | Public ! |  | NO ! |
| L | name | Public ! | | NO ! |
| L | symbol | Public ! | | NO ! |
| L | decimals | Public ! | | NO ! |
| L | totalSupply | Public ! | | NO ! |
| L | balanceOf | Public ! | | NO ! |
| L | transfer | Public ! |  | NO ! |
| L | allowance | Public ! | | NO ! |
| L | approve | Public ! |  | NO ! |
| L | transferFrom | Public ! |  | NO ! |
| L | increaseAllowance | Public ! |  | NO ! |
| L | decreaseAllowance | Public ! |  | NO ! |
| L | _transfer | Internal  |  | |
| L | _mint | Internal  |  | |
| L | _burn | Internal  |  | |
| L | _approve | Internal  |  | |
| L | _spendAllowance | Internal  |  | |
| L | _beforeTokenTransfer | Internal  |  | |

| | | | | |
|--------------------|-----------------------|--------------|---|-------|
| L | _afterTokenTransfer | Internal 🔒 | ● | |
| | | | | |
| SimpleToken | Implementation | ERC20 | | |
| L | | Public ! | ● | ERC20 |

Legend

| Symbol | Meaning |
|--------|---------------------------|
| ● | Function can modify state |
| 💰 | Function is payable |

Inheritance Hierarchy



Security issue checking status

❖ **High severity issues**

No High severity issues found

❖ **Medium severity issues**

No medium severity issues found

❖ **Low severity issues**

No low-severity issues found

❖ **Centralization Risk**

No centralization issues found

Owner privileges

No ownership functions in the contract.

Audit conclusion

RugFreeCoins team has performed in-depth testings, line-by-line manual code review, and automated audit of the smart contract. The smart contract was analyzed mainly for common smart contract vulnerabilities, exploits, manipulations, and hacks. According to the smart contract audit.

Smart contract functional Status: **PASS**

Number of risk issues: **0**

Solidity code functional issue level: **PASS**

Number of owner privileges: **0**

Centralization risk correlated to the active owner: **NONE**

Smart contract active ownership: **NO**