



# SMART CONTRACT SECURITY AUDIT

Final report

Plan: Simple

**Rodgo Coin**

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 [rugdog.net](https://rugdog.net)

 [the@rugdog.net](mailto:the@rugdog.net)



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## ♦ INTRODUCTION

The report has been prepared for Rodgo Coin.

RODGO Coin is TRC20 base token. The supply is limited

Name	Rodgo Coin
Audit date	2024-02-14 - 2024-02-14
Language	Solidity
Network	Tron

## ♦ CONTRACTS CHECKED

Name	Address
Rodgo	RODGO Coin is TRC20 Base Token with Limited Supply.

## ♦ AUDIT PROCESS

The code was audited by the team according to the following order:

Automated analysis

- ♦ Scanning the project's smart contracts with several publicly available automated Solidity analysis tools
- ♦ Manual confirmation of all the issues found by the tools

Manual audit

- ♦ Thorough manual analysis of smart contracts for security vulnerabilities

Smart contracts' logic check

## ATTACKS CHECKED

Title	Check result
Unencrypted Private Data On-Chain	✓ passed
Code With No Effects	✓ passed
Message call with hardcoded gas amount	✓ passed
Typographical Error	✓ passed
DoS With Block Gas Limit	✓ passed
Presence of unused variables	✓ passed
Incorrect Inheritance Order	✓ passed
Requirement Violation	✓ passed
Weak Sources of Randomness from Chain Attributes	✓ passed
Shadowing State Variables	✓ passed
Incorrect Constructor Name	✓ passed
Block values as a proxy for time	✓ passed
Authorization through tx.origin	✓ passed



DoS with Failed Call	✓ passed
Delegatecall to Untrusted Callee	✓ passed
Use of Deprecated Solidity Functions	✓ passed
Assert Violation	✓ passed
State Variable Default Visibility	✓ passed
Reentrancy	✓ passed
Unprotected SELFDESTRUCT Instruction	✓ passed
Unprotected Ether Withdrawal	✓ passed
Unchecked Call Return Value	✓ passed
Floating Pragma	✓ passed
Outdated Compiler Version	✓ passed
Integer Overflow and Underflow	✓ passed
Function Default Visibility	✓ passed

## ◆ OVERVIEW OF RELEVANCE LEVELS

### High relevance

Issues of high relevance may lead to losses of users' funds as well as changes of ownership of a contract or possible issues with the logic of the contract.

High-relevance issues require immediate attention and a response from the team.

**Medium relevance**

While issues of medium relevance don't pose as high a risk as the high-relevance ones do, they can be just as easily exploited by the team or a malicious user, causing a contract failure and damaging the project's reputation in the process. Usually, these issues can be fixed if the contract is redeployed.

Medium-relevance issues require a response from the team.

**Low relevance**

Issues of low relevance don't pose high risks since they can't cause damage to the functionality of the contract. However, it's still recommended to consider fixing them.

**❖ ISSUES**

High relevance issues

No high relevance issues found

Medium relevance issues

No medium relevance issues found

Low relevance issues

No low relevance issues found

## ✦ CONCLUSION

Rodgo Coin Rodgo contract was audited. No relevance issues were found.

## ❖ DISCLAIMER

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 [rugdog.net](https://rugdog.net)

 [the@rugdog.net](mailto:the@rugdog.net)

