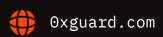


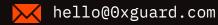
# Smart contracts security assessment

**Preview Report** 

Retro INU

August 2022





# Contents

| 1. | Introduction                     | 3 |
|----|----------------------------------|---|
| 2. | Procedure                        | 4 |
| 3. | Known vulnerabilities checked    | 5 |
| 4. | Conclusion                       | 7 |
| 5. | Classification of issue severity | 8 |
| 6  | Disclaimer                       | q |

## □ Introduction

### The report has been prepared for Retro INU

Network Binance Smart Chain

Contract type ERC-20

Address 0x74779b656b7473f03c34ed51ef954aea2caa2b6f

Token name Retro INU

Token symbol RINU

Total supply 100000000000

Decimals 9

## Procedure

We perform our audit according to the following procedure:

#### **Automated analysis**

- Scanning the project's smart contracts with several publicly available automated Solidity analysis tools
- Manual verification (reject or confirm) all the issues found by the tools

#### Manual audit

- Manually analyze smart contracts for security vulnerabilities
- Smart contracts' logic check

⊙x Guard | August 2022 4

# ○ Known vulnerabilities checked

| Title   | Check result |
|---|--------------|
| Unencrypted Private Data On-Chain                 | passed       |
| Code With No Effects                              |              |
| Message call with hardcoded gas amount            |              |
| Typographical Error                               |              |
| DoS With Block Gas Limit                          | passed       |
| Presence of unused variables                      |              |
| Incorrect Inheritance Order                       |              |
| Requirement Violation                             |              |
| Weak Sources of Randomness from Chain  Attributes | passed       |
| Shadowing State Variables                         |              |
| Incorrect Constructor Name                        |              |
| Block values as a proxy for time                  |              |
| Authorization through tx.origin                   |              |
| DoS with Failed Call                              |              |
| Delegatecall to Untrusted Callee                  |              |
| Use of Deprecated Solidity Functions              |              |
| Assert Violation                                  |              |
| State Variable Default Visibility                 |              |
| Reentrancy  |              |
| Unprotected SELFDESTRUCT Instruction              |              |
| Unprotected Ether Withdrawal                      |              |
| Unchecked Call Return Value                       |              |

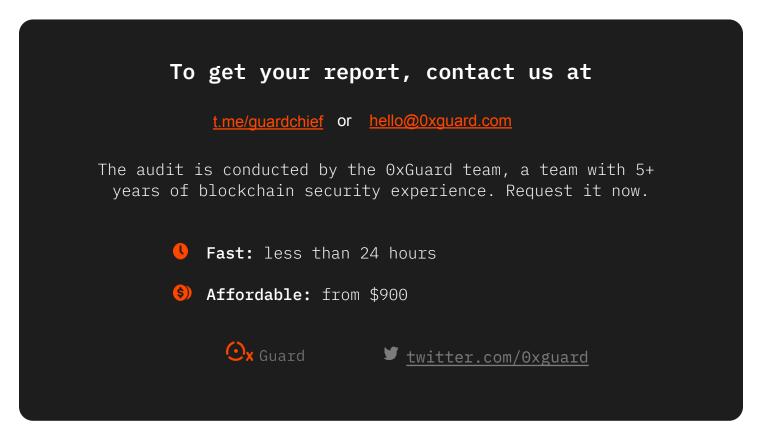


August 2022

| Floating Pragma                |  |
|--------------------------------|--|
| Outdated Compiler Version      |  |
| Integer Overflow and Underflow |  |
| Function Default Visibility    |  |

## Conclusion

Retro INU was audited. 0 high,  $\Box$  medium,  $\Box$  low severity issues were found. Users should check if they interact with the same contracts as were audited.



This is a preview of an audit report. Please contact us to get a full report in less than 24 hours!

○x Guard | August 2022 7

# Classification of issue severity

**High severity** High severity issues can cause a significant or full loss of funds, change

of contract ownership, major interference with contract logic. Such issues

require immediate attention.

**Medium severity** Medium severity issues do not pose an immediate risk, but can be

detrimental to the client's reputation if exploited. Medium severity issues may lead to a contract failure and can be fixed by modifying the contract

state or redeployment. Such issues require attention.

**Low severity** Low severity issues do not cause significant destruction to the contract's

functionality. Such issues are recommended to be taken into

consideration.



August 2022

## Disclaimer

This report is subject to the terms and conditions (including without limitation, description of services, confidentiality, disclaimer and limitation of liability)set forth in the Services Agreement, or the scope of services, and terms and conditions provided to the Company in connection with the Agreement. This report provided in connection with the Services set forth in the Agreement shall be used by the Company only to the extent permitted under the terms and conditions set forth in the Agreement. This report may not be transmitted, disclosed, referred to or relied upon by any person for any purposes without 0xGuard prior written consent.

This report is not, nor should be considered, an "endorsement" or "disapproval" of any particular project or team. This report is not, nor should be considered, an indication of the economics or value of any "product" or "asset" created by any team or project that contracts 0xGuard to perform a security assessment. This report does not provide any warranty or guarantee regarding the absolute bug-free nature of the technology analyzed, nor do they provide any indication of the technologies proprietors, business, business model or legal compliance.

This report should not be used in any way to make decisions around investment or involvement with any particular project. This report in no way provides investment advice, nor should be leveraged as investment advice of any sort. This report represents an extensive assessing process intending to help our customers increase the quality of their code while reducing the high level of risk presented by cryptographic tokens and blockchain technology.

⊙x Guard | August 2022 9



