



# SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



**Fists**

\$Fists

**28/03/2024**



# TOKEN OVERVIEW

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## Fees

- Buy fees: 2%
- Sell fees: 2%

## Fees privileges

- Can't set or change fees

## Ownership

- Ownership renounced

## Minting

- No mint function

## Max Tx Amount / Max Wallet Amount

- Can't change max tx amount and / or max wallet amount

## Blacklist

- Blacklist function not detected

## Other privileges

- N/A
-

# TABLE OF CONTENTS

1

DISCLAIMER

2

INTRODUCTION

3

WEBSITE + SOCIALS

4-5

AUDIT OVERVIEW

6-7

OWNER PRIVILEGES

8

CONCLUSION AND ANALYSIS

9

TOKEN DETAILS

10

FISTS TOKEN ANALYTICS &  
TOP 10 TOKEN HOLDERS

11

TECHNICAL DISCLAIMER



# DISCLAIMER

The information provided on this analysis document is only for general information and should not be used as a reason to invest.

FreshCoins Team will take no payment for manipulating the results of this audit.

The score and the result will stay on this project page information on our website <https://freshcoins.io>

FreshCoins Team does not guarantees that a project will not sell off team supply, or any other scam strategy ( RUG or Honeypot etc )



# INTRODUCTION

**FreshCoins** (Consultant) was contracted by **Fists** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

**0x05d10932970d048408E73D9b40787831c1e5C7D2**

**Network: Binance Smart Chain (BSC)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **28/03/2024**



# WEBSITE DIAGNOSTIC

<https://fistsdefi.com/>



0-49



50-89



90-100



Performance



Accessibility



Best  
Practices



SEO



Progressive  
Web App

## Socials



Twitter

[https://twitter.com/Fists\\_bsc](https://twitter.com/Fists_bsc)



Telegram

[https://t.me/Fists\\_bsc](https://t.me/Fists_bsc)

# AUDIT OVERVIEW



Security Score



## Static Scan

Automatic scanning for common vulnerabilities



## ERC Scan

Automatic checks for ERC's conformance



High



Medium



Low



Optimizations



Informational



No.	Issue description	Checking Status
1	Compiler Errors / Warnings	Passed
2	Reentrancy and Cross-function	Passed
3	Front running	Low
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Low
8	Methods execution permissions	Passed
9	Exchange rate impact	Passed
10	Malicious Event	Passed
11	Scoping and Declarations	Passed
12	Uninitialized storage pointers	Passed
13	Design Logic	Passed
14	Safe Zeppelin module	Passed



# OWNER PRIVILEGES

## Ownership renounced

Transaction Hash:

0xf236ec34123cf4183997d799be1ef5bed794fce6b894bcbe5f4077a652c0011e

Status:

Success

Block:

36905416

457390 Block Confirmations

Timestamp:

15 days ago (Mar-12-2024 01:22:45 PM +UTC)

Transaction Action:

Call Transfer Ownership Function by 0xf76598fb...eF5934Cd6 on 0x05d10932...1c1e5C7D2

From:

0xf76598fb1D09c609908849353cAe401eF5934Cd6

To:

0x05d10932970d048408E73D9b40787831c1e5C7D2

Value:

0 BNB (\$0.00)

Transaction Fee:

0.000085545 BNB \$0.05

Gas Price:

3 Gwei (0.000000003 BNB)

BNB Price:

\$537.37 / BNB

Gas Limit & Usage by Txn:

28,515 | 28,515 (100%)

Burnt Fees:

0.000085545 BNB (\$0.01)

Other Attributes:

Nonce: 37 Position In Block: 94

Input Data:

Function: transferOwnership(address newOwner)  
  
MethodID: 0xf2fde38b  
[0]: 00dead  
  
View Input As Decode Input Data Advanced Filter

More Details:

Click to show less

The contract combines **liquidity management** with **taxation mechanisms** to facilitate trading while ensuring proper handling of fees and balances. It provides flexibility through configurable parameters and includes features for managing addresses exempted from fees or restricted from transactions

## Taxation on Transactions:

- The contract implements a taxation mechanism on transactions, including buys and sells.
- Tax fees are applied based on configurable parameters like `buyFee` and `sellFee`.
- Additional fees (`addBuyFee` and `addSellFee`) may also be applied under certain conditions.
- The contract checks whether to apply fees based on the sender and recipient addresses.
- Fees are deducted from the transferred amount and transferred to designated addresses.

#### Liquidity Management:

- The contract manages liquidity through functions such as `_isAddLiquidity`, `_isRemoveLiquidityU`, and `_isRemoveLiquidityETH`.
- These functions check conditions related to liquidity pools (LPs) and reserves to determine whether to add or remove liquidity.
- Liquidity is added or removed based on specific conditions related to token balances and reserves in liquidity pools.

#### Transfer Logic:

- The `_transfer` function handles the transfer of tokens between addresses.
- It enforces various conditions such as ensuring that the sender has sufficient balance, checking for blacklisted addresses, and applying fees.
- Different transfer scenarios are considered, such as transfers between users, adding/removing liquidity, and buying/selling tokens.
- Transfer logic includes handling fee deductions, updating balances, and emitting transfer events.

# CONCLUSION AND ANALYSIS



Smart Contracts within the scope were manually reviewed and analyzed with static tools.



Audit report overview contains all found security vulnerabilities and other issues in the reviewed code.



Found no HIGH issues during the first review.

# TOKEN DETAILS

## Details

Buy fees: 2%

Sell fees: 2%

Max TX: N/A

Max Sell: N/A

## Honeypot Risk

Ownership: Ownership renounced

Blacklist: Not detected

Modify Max TX: Not detected

Modify Max Sell: Not detected

Disable Trading: Not detected

## Others

Liquidity: 0xfCc49D9D129B74af586c92678D374108BbA30FCf

Holders: Clean



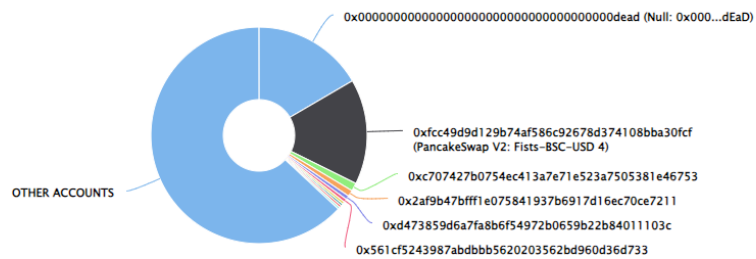
# FISTS TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 36.91% (7,751,843.55 Tokens) of Fists

Token Total Supply: 21,000,000.00 Token | Total Token Holders: 9,677

## Fists Top 10 Token Holders

Source: BscScan.com



(A total of 7,751,843.55 tokens held by the top 10 accounts from the total supply of 21,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	<a href="#">Null: 0x000...dEaD</a>	3,484,398.972190008082586589	16.5924%
2	<a href="#">PancakeSwap V2: Fists-BSC-USD 4</a>	3,305,683.982097737884656779	15.7414%
3	<a href="#">0xc707427B...381e46753</a>	255,000.407867278459526881	1.2143%
4	<a href="#">0x2AF9b47b...c70CE7211</a>	195,477.142541254347624693	0.9308%
5	<a href="#">0xd473859D...84011103C</a>	124,858.908117550832030158	0.5946%
6	<a href="#">0x561Cf524...60D36d733</a>	102,863.134615347600644539	0.4898%
7	<a href="#">0x16e6F2AB...1807E0bF8</a>	79,896.289997594276036983	0.3805%
8	<a href="#">0xcE039C5f...8C2744087</a>	69,800	0.3324%
9	<a href="#">0x090D1595...ce92B2ba6</a>	67,939.685475220180409428	0.3235%
10	<a href="#">0x24049B59...d3E59c8E8</a>	65,925.023951456089989683	0.3139%

# TECHNICAL DISCLAIMER

Smart contracts are deployed and executed on the blockchain platform. The platform, its programming language, and other software related to the smart contract can have its vulnerabilities that can lead to hacks. The audit can't guarantee the explicit security of the audited project / smart contract.

