



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



MemCap
\$MC

08/04/2024

TOKEN OVERVIEW

Fees

- Buy fees: 5%
- Sell fees: 5%

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
-

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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 **MEMCAP** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

0x7b318f8f8f17c654b4b38bbadd7f6b5f5f76d566

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 **08/04/2024**



WEBSITE DIAGNOSTIC

<https://memcap.ai/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

<https://twitter.com/MemCapOfficial>



Telegram

<https://t.me/MemCapCrypto>

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:	0x19386dcac5889bcab855c054c91ba7982c696ebad10f7adccb153f33b9461a78
Status:	Success
Block:	37660077 2716 Block Confirmations
Timestamp:	2 hrs ago (Apr-07-2024 07:44:21 PM +UTC)
Transaction Action:	Call Renounce Ownership Function by 0x4aa75772...262EF4c04 on 0x7b318f8f...F5f76D566
From:	0x4aa75772761871e04526eb5c2693e6a262EF4c04
To:	0x7b318f8f8F17C654b4b38BBAdd7F6B5F5f76D566
Value:	0 BNB (\$0.00)
Transaction Fee:	0.000023268 BNB (\$0.01)
Gas Price:	1 Gwei (0.000000001 BNB)
Gas Limit & Usage by Txn:	28,068 23,268 (82.9%)
Burnt Fees:	0.0000023268 BNB (\$0.00)
Other Attributes:	Nonce: 7 Position In Block: 59
Input Data:	<div>Function: renounceOwnership() MethodID: 0x715018a6</div> <div>View Input As Advanced Filter</div>
More Details:	Click to show less

Centralization / Privilege

During the contract deployment, all tokens are allocated to the contract deployer, presenting a potential risk of centralization. This is concerning because the deployer possesses the ability to distribute tokens without seeking consensus from the community

Recommendation

We advise the team to maintain transparency regarding the initial token distribution process

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:	5%
Sell fees:	5%
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:	N/A
Holders:	72% unlocked tokens



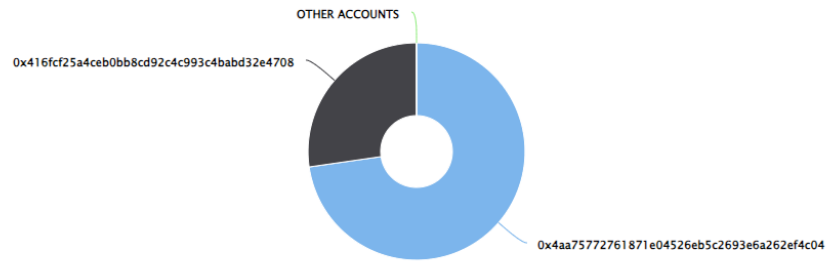
MC TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (1,000,000,000.00 Tokens) of MemCap

Token Total Supply: 1,000,000,000.00 Token | Total Token Holders: 2

MemCap Top 10 Token Holders

Source: BscScan.com



(A total of 1,000,000,000.00 tokens held by the top 10 accounts from the total supply of 1,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x4aa75772...262EF4c04	727,325,000	72.7325%
2	0x416fcF25...bD32e4708	272,675,000	27.2675%

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.

