



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Masochism Inu
\$CHISM

24/12/2023



TOKEN OVERVIEW

Fees

- Buy fees: N/A
- Sell fees: N/A

Fees privileges

- Can't change / set fees

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can't change max tx amount or wallet amount

Blacklist

- No blacklist function

Other privileges

- Can burn tokens
-

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

0x62B703dcD4A2E7811f52Cc4cdD605670a338Fb15

Network: **Ethereum (ETH)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **24/12/2023**



WEBSITE DIAGNOSTIC

<https://www.masochisminu.com/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

<https://www.twitter.com/masochisminu>



Telegram

<https://t.me/masochisminu>

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	Passed
4	Timestamp dependence	Passed
5	Integer Overflow and Underflow	Passed
6	Reverted DoS	Passed
7	DoS with block gas limit	Passed
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

- Contract owner can't mint tokens after initial contract deploy.
- Contract owner can't disable trading.
- Contract owner can't exclude an address from transactions.
- Contract owner can't set / change buy & sell taxes.
- Contract owner can't change swap settings.
- Contract owner can't change tx amount.
- Tokens can be burned (public function)

```
function burn(uint256 amount) external {
    super._burn(_msgSender(), amount);
}

function _burn(address account, uint256 amount) internal virtual {
    require(account != address(0), "ERC20: burn from the zero address");
    _beforeTokenTransfer(account, address(0), amount);
    uint256 accountBalance = _balances[account];
    require(accountBalance >= amount, "ERC20: burn amount exceeds balance");
    unchecked {
        _balances[account] = accountBalance - amount;
        _totalSupply -= amount;
    }
    emit Transfer(account, address(0), amount);
    _afterTokenTransfer(account, address(0), amount);
}
```

- Contract owner has ability to retrieve any token held by the contract
Native tokens NOT excluded

```
function claimStuckTokens(address token) external onlyOwner {
    if (token == address(0x0)) {
        payable(_msgSender()).transfer(address(this).balance);
        return;
    }
    IERC20 ERC20token = IERC20(token);
    uint256 balance = ERC20token.balanceOf(address(this));
    ERC20token.safeTransfer(_msgSender(), balance);
}
```

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:	N/A
Sell fees:	N/A
Max TX:	N/A
Max Sell:	N/A

Honeypot Risk

Ownership:	Owned
Blacklist:	Not detected
Modify Max TX:	Not detected
Modify Max Sell:	Not detected
Disable Trading:	Not detected

Others

Liquidity:	N/A
Holders:	Clean



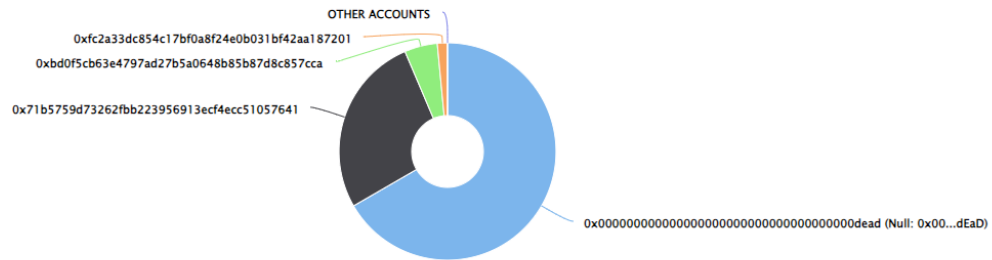
CHISM TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (999,000,000,000.00 Tokens) of Masochism Inu

Token Total Supply: 999,000,000,000.00 Token | Total Token Holders: 4

Masochism Inu Top 10 Token Holders

Source: Etherscan.io



(A total of 999,000,000,000.00 tokens held by the top 10 accounts from the total supply of 999,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	Null: 0x00...dEaD 🔗	666,000,000,000	66.6667%
2	🔗 0x71B575...51057641 🔗	269,005,750,000	26.9275%
3	🔗 0xbD0f5C...8c857ccA 🔗	48,988,500,000	4.9038%
4	🔗 0xFc2a33...aA187201 🔗	15,005,750,000	1.5021%

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.

