



SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



PEPE KickFi
\$PEPEKF

22/05/2023



TOKEN OVERVIEW

Fees

- Buy fees: 0%
- Sell fees: 6%

Fees privileges

- Can change fees up to 100%

Ownership

- Owned

Minting

- No mint function

Max Tx Amount / Max Wallet Amount

- Can change max tx amount and / or max wallet amount (with threshold)

Blacklist

- Blacklist function not detected

Other privileges

- Can exclude / include from fees
-

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

0x7885202E6D55Bf7CD77b6D9B7c24B228bEe68599

Network: **Ethereum (ETH)**

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on **22/05/2023**



WEBSITE DIAGNOSTIC

<https://pepekickfi.xyz/>



0-49



50-89



90-100



Performance



Accessibility



Best
Practices



SEO



Progressive
Web App

Socials



Twitter

<https://twitter.com/PEPEKicktestFi>



Telegram

<https://t.me/PEPEKicktoEarn>

AUDIT OVERVIEW



Security Score
HIGH RISK
Audit FAIL



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 exclude an address from transactions
- Contract owner can exclude / include wallet from tax

```
function excludeFromFees(address account, bool excluded) public onlyOwner {
    _isExcludedFromFees[account] = excluded;
    emit ExcludeFromFees(account, excluded);
}
```

- Contract owner can exclude / include wallet from tx limitations

```
function excludeFromMaxTransaction(address updAds, bool isEx)
    public
    onlyOwner
{
    _isExcludedMaxTransactionAmount[updAds] = isEx;
}
```

- Contract owner can change swap settings (with threshold)

```
function updateSwapTokensAtAmount(uint256 newAmount)
    external
    onlyOwner
    returns (bool)
{
    require(
        newAmount >= (totalSupply() * 1) / 100000,
        "Swap amount cannot be lower than 0.001% total supply."
    );
    require(
        newAmount <= (totalSupply() * 5) / 1000,
        "Swap amount cannot be higher than 0.5% total supply."
    );
    swapTokensAtAmount = newAmount;
    return true;
}
```

- Contract owner has to call `enableTrading()` function to enable trade

```
function enableTrading() external onlyOwner {
    tradingActive = true;
    swapEnabled = true;
}
```

● Contract owner can change fees up to 100%

```
function updateBuyFees(
    uint256 _marketingFee,
    uint256 _liquidityFee
) external onlyOwner {
    buyMarketingFee = _marketingFee;
    buyLiquidityFee = _liquidityFee;
    buyTotalFees = buyMarketingFee + buyLiquidityFee;
}

function updateSellFees(
    uint256 _marketingFee,
    uint256 _liquidityFee
) external onlyOwner {
    sellMarketingFee = _marketingFee;
    sellLiquidityFee = _liquidityFee;
    sellTotalFees = sellMarketingFee + sellLiquidityFee;
    previousFee = sellTotalFees;
}
```

● Contract owner can change max tx limitations and max wallet limitations (with threshold)

```
function updateMaxWalletAndTxnAmount(uint256 newTxnNum, uint256 newMaxWalletNum) external
onlyOwner {
    require(
        newTxnNum >= ((totalSupply() * 1) / 10000) / 1e18,
        "Cannot set maxTxn lower than 0.5%"
    );
    require(
        newMaxWalletNum >= ((totalSupply() * 1) / 10000) / 1e18,
        "Cannot set maxWallet lower than 0.5%"
    );
    maxWallet = newMaxWalletNum * (10**18);
    maxTransactionAmount = newTxnNum * (10**18);
}
```

● Contract owner can transfer ownership

```
function transferOwnership(address newOwner) public virtual onlyOwner {
    require(newOwner != address(0), "Ownable: new owner is the zero address");
    _transferOwnership(newOwner);
}

function _transferOwnership(address newOwner) internal virtual {
    address oldOwner = _owner;
    _owner = newOwner;
    emit OwnershipTransferred(oldOwner, newOwner);
}
```

● Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {  
    _transferOwnership(address(0));  
}
```

Recommendation:

The team should carefully manage the private keys of the owner's account. We strongly recommend a powerful security mechanism that will prevent a single user from accessing the contract admin functions. The risk can be prevented by temporarily locking the contract or renouncing ownership.



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 1 HIGH issues during the first review.

TOKEN DETAILS

Details

Buy fees:	0%
Sell fees:	6%
Max TX:	6,000,000,000
Max Sell:	N/A

Honeypot Risk

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

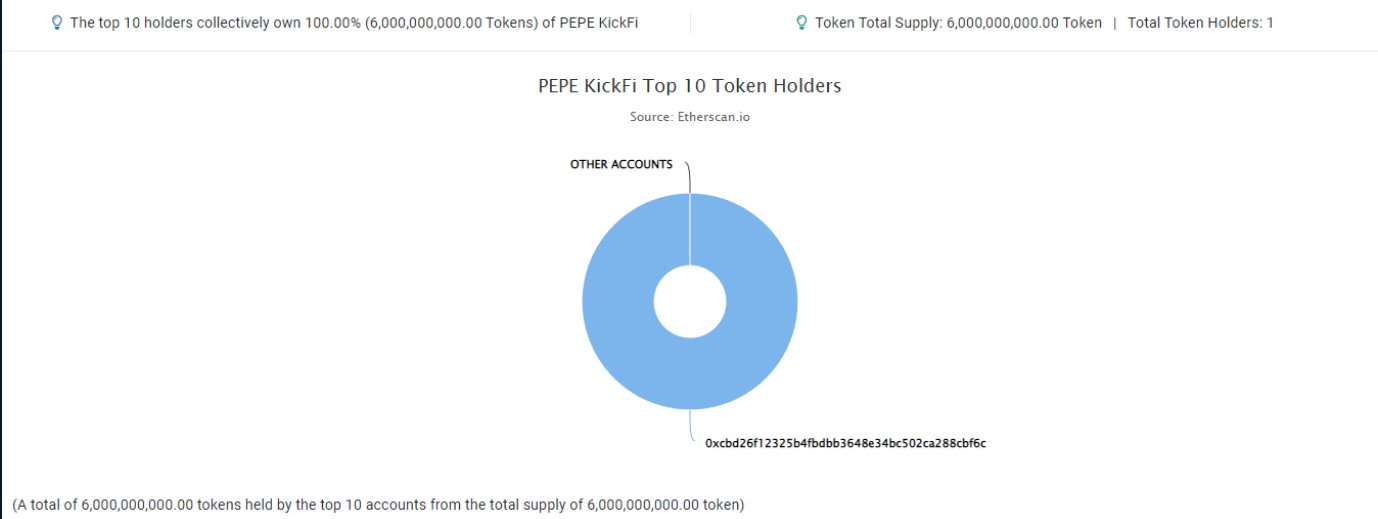
Rug Pull Risk

Liquidity:	N/A
Holders:	100% unlocked tokens



PEPEKF TOKEN ANALYTICS

& TOP 10 TOKEN HOLDERS



Rank	Address	Quantity (Token)	Percentage
1	0xcbd26f...288CbF6c	6,000,000,000	100.0000%

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.

