freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

PEPE Billionaire
$PEPEB

20/05/2023

TOKEN OVERVIEW

Fees

- Buy fees: 10%

- Sell fees: 11%

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 and max wallet amount

Blacklist

- Blacklist function detected

Other privileges

- Can exclude / include from fees

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

0x783CA82626e4922EFb62D54175BF2eB1CA22d5Cc

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 20/05/2023

PEPE Billionaire
$PEPEB

WEBSITE DIAGNOSTIC

https://pepe-billionaire.com/

0-49   **50-89**   **90-100**

92	92	96	91	NA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

Socials

Twitter

https://twitter.com/Pepe_Billion

Telegram

https://t.me/PEPE_Billionaire

AUDIT OVERVIEW

84

Security Score

98

Static Scan
Automatic scanning for common vulnerabilities

88

ERC Scan
Automatic checks for ERC's conformance

1 High

1 Medium

0 Low

0 Optimizations

0 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 exclude wallet from tax**

```
function setWhitelist(address _addr) external onlyOwner {
    _isFeeExempt[_addr] = true;
}
```

● **Contract owner can exclude an address from transactions**

```
function setBotBlacklist(address _botAddress, bool _flag) external onlyOwner {
    require(isContract(_botAddress), "only contract address, not allowed exteranlly owned account");
    blacklist[_botAddress] = _flag;
}
```

● **Contract owner can change** pairAddress, pairContract, autoLiquidityReceiver, treasuryReceiver, ApeInsuranceFundReceiver **and** firePit **addresses**

Current values:

pairAddress : 0xd92377cdb0de93545def45466d348c639356c542

pairContract : 0xd92377cdb0de93545def45466d348c639356c542

autoLiquidityReceiver : 0x3adae4565f72c4db88b063c40eb87c6b3eef86ae

treasuryReceiver : 0x9d401d723c20d5c80c32153dc27a63b514c39978

ApeInsuranceFundReceiver : 0x3d84e363f08cd13493f3c7ef63f3ebadb32845b8

firePit : 0xa725fa0854dbceb16c8e681adeae61a53303c26f

```
function setPairAddress(address _pairAddress) public onlyOwner {
    pairAddress = _pairAddress;
}

function setLP(address _address) external onlyOwner {
    pairContract = IPancakeSwapPair(_address);
}

function setFeeReceivers(
    address _autoLiquidityReceiver,
    address _treasuryReceiver,
    address _ApeInsuranceFundReceiver,
    address _firePit
) external onlyOwner {
    autoLiquidityReceiver = _autoLiquidityReceiver;
    treasuryReceiver = _treasuryReceiver;
    ApeInsuranceFundReceiver = _ApeInsuranceFundReceiver;
    firePit = _firePit;
}
```

● Contract owner can change rebase settings

```solidity
function setAutoRebase(bool _flag) external onlyOwner {
    if (_flag) {
        _autoRebase = _flag;
        _lastRebasedTime = block.timestamp;
    } else {
        _autoRebase = _flag;
    }
}
```

● Contract owner can withdraw tokens from smart contract

```solidity
function withdrawAllToTreasury() external swapping onlyOwner {
    uint256 amountToSwap = _gonBalances[address(this)].div(_gonsPerFragment);
    require( amountToSwap > 0,"There is no RPEPE token deposited in token contract");
    address[] memory path = new address[](2);
    path[0] = address(this);
    path[1] = router.WETH();
    router.swapExactTokensForETHSupportingFeeOnTransferTokens(
        amountToSwap,
        0,
        path,
        treasuryReceiver,
        block.timestamp
    );
}
```

● Contract owner can transfer ownership

```solidity
function transferOwnership(address newOwner) public onlyOwner {
    _transferOwnership(newOwner);
}

function _transferOwnership(address newOwner) internal {
    require(newOwner != address(0));
    emit OwnershipTransferred(_owner, newOwner);
    _owner = newOwner;
}
```

● Contract owner can renounce ownership

```solidity
function renounceOwnership() public onlyOwner {
    emit OwnershipRenounced(_owner);
    _owner = 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:	10%
Sell fees:	11%
Max TX:	N/A
Max Sell:	N/A

Honeypot Risk

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

Rug Pull Risk

Liquidity:	N/A
Holders:	Clean

PEPEB TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

💡 The top 10 holders collectively own 100.00% (325,000.00 Tokens) of PEPE Billionaire | 💡 Token Total Supply: 325,000.00 Token | Total Token Holders: 3

PEPE Billionaire Top 10 Token Holders
Source: BscScan.com

OTHER ACCOUNTS

0x407993575c91ce7643a4d4ccacc9a98c36ee1bbe (Pinksale: PinkLock V2)

0x0000000000000000000000000000000000000dead (Null: 0x000...dEaD)

0x5018e1ee6042d18b2966cf8f65a41bd8c891e9b9

(A total of 325,000.00 tokens held by the top 10 accounts from the total supply of 325,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	Null: 0x000...dEaD	150,000	46.1538%
2	0x5018e1ee6042d18b2966cf8f65a41bd8c891e9b9	148,450	45.6769%
3	Pinksale: PinkLock V2	26,550	8.1692%

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.