freshcoins

SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT

BABYPEPE

$BABYPEPE

06/03/2024

TOKEN OVERVIEW

Fees

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

Fees privileges

- Can’t change fees

Ownership

- Owned

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

- Can exclude / include from fees
- Contract owner has to call enableTrading function to enable trade

TABLE OF CONTENTS

1 DISCLAIMER

2 INTRODUCTION

3 WEBSITE + SOCIALS

4-5 AUDIT OVERVIEW

6-8 OWNER PRIVILEGES

9 CONCLUSION AND ANALYSIS

10 TOKEN DETAILS

11 BABYPEPE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

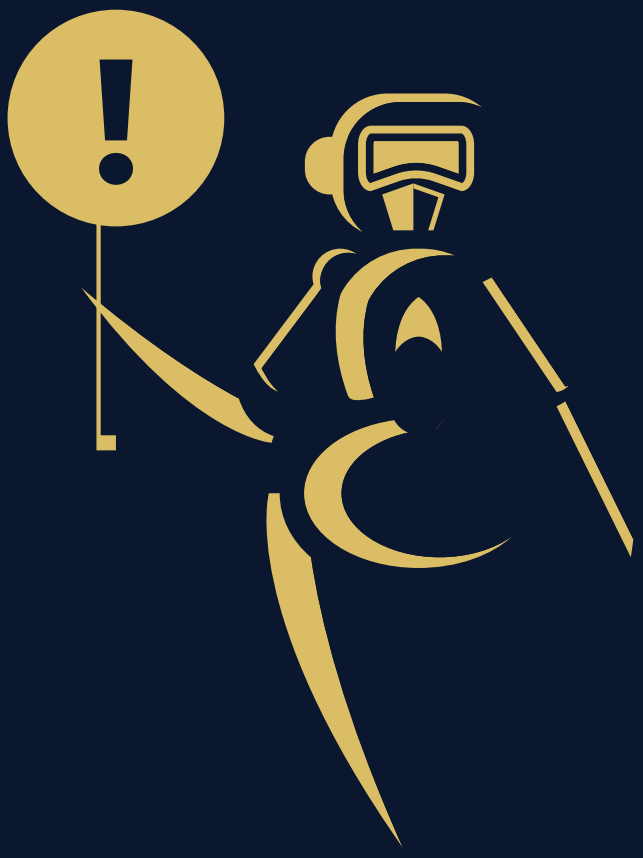
12 TECHNICAL DISCLAIMER

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

0xec95293e1dd9034625fd820651d06b52660a1d64

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 06/03/2024

WEBSITE DIAGNOSTIC

https://babypepebscgem.com/


0-49


50-89


90-100

Performance

Accessibility

Best Practices

SEO

Progressive Web App

Socials


Twitter

https://twitter.com/BabyPepeBSCGem


Telegram

https://t.me/BabyPepeBSCGem

AUDIT OVERVIEW

84

Security Score

98

Static Scan
Automatic scanning for common vulnerabilities

82

ERC Scan
Automatic checks for ERC's conformance

1 High

0 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't exclude an address from transactions

- Contract owner can exclude/include wallet from tax

```
function setNoFeeWallet(address account, bool enabled) public onlyOwner {
        _noFee[account] = enabled;
}
```

- Contract owner can change swap settings (with threshold)

```
function toggleCanSwapFees(bool yesno) external onlyOwner {
        require(canSwapFees != yesno,"Bool is the same");
        canSwapFees = yesno;
        emit _toggleCanSwapFees(yesno);
}
```

- Contract owner has to call enableTrading function to enable trade

Please note that any wallet excluded from limitations (whitelist) retains the ability to engage in trading, even in situations where trading has been disabled

```
function enableTrading() external onlyOwner {
        require(!isTradingEnabled, "Trading already enabled");
        isTradingEnabled = true;
        emit _enableTrading();
}

_transferFrom function line 320
.
.
.
if (isLimitedAddress(from,to)) {
        require(isTradingEnabled,"Trading is not enabled");
}
.
.
.
```

- Contract owner can whitelist address (exclude from limitations)

```
function setPresaleAddress(address presale, bool yesno) external onlyOwner {
        require(isPresaleAddress[presale] != yesno,"Same bool");
        isPresaleAddress[presale] = yesno;
        _noFee[presale] = yesno;
        liquidityAdd[presale] = yesno;
        emit _setPresaleAddress(presale, yesno);
}
```

Contract owner can change marketingAddress and devWallet addresses

Default values:

marketingAddress: 0xfFB4B29958d20e8818057b16ff9dfdF77c984E1f

devWallet: 0xfFB4B29958d20e8818057b16ff9dfdF77c984E1f

```
function changeWallets(address newBuy, address newDev) external onlyOwner {
        require(newBuy != address(0),"BABYPEPE: Address Zero");
        require(newDev != address(0),"BABYPEPE: Address Zero");
        marketingAddress = payable(newBuy);
        devWallet = payable(newDev);
        emit _changeWallets(newBuy, newDev);
    }
```

Contract owner can transfer ownership

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

    function _setOwner(address newOwner) private {
        address oldOwner = _owner;
        _owner = newOwner;
        emit OwnershipTransferred(oldOwner, newOwner);
    }
```

Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
        _setOwner(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:	5%
Sell fees:	5%
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

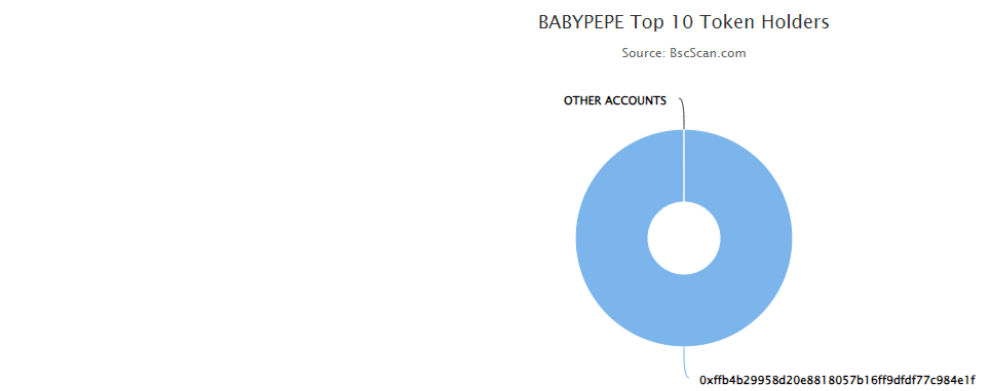
Rug Pull Risk

Liquidity:	N/A
Holders:	100% unlocked tokens

BABYPEPE TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (100,000,000,000.00 Tokens) of BABYPEPE

Token Total Supply: 100,000,000,000.00 Token | Total Token Holders: 1



(A total of 100,000,000,000.00 tokens held by the top 10 accounts from the total supply of 100,000,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0xfFB4B299...77c984E1f	100,000,000,000	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.