



## SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



Cargolink  
\$CLX



07/02/2022



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

0x03363A7314F0f1CED76892348909f36d11c475de

Network: Binance Smart Chain (BNB)

This report presents the findings of the security assessment of Customer's smart contract and its code review conducted on 07/02/2022



# WEBSITE DIAGNOSTIC

<https://cargolink.org/>



0-49



50-89



90-100



Performance



Accessibility



Best Practices



SEO



Progressive  
Web App

## Metrics



First Contentful Paint

**2.7 s**



Time to interactive

**11.7 s**



Speed Index

**4.1 s**



Total Blocking Time

**3,020 ms**



Large Contentful Paint

**5.9 s**



Cumulative Layout Shift

**0.009**

# WEBSITE IMPROVEMENTS

---

Reduce unused JavaScript

---

Reduce unused CSS

---

Ensure text remains visible during webfont load

---

Reduce JavaScript execution time 2.3 s

---

Image elements do not have explicit width and height

---

Image elements do not have [alt] attributes

---

Links do not have a discernible name

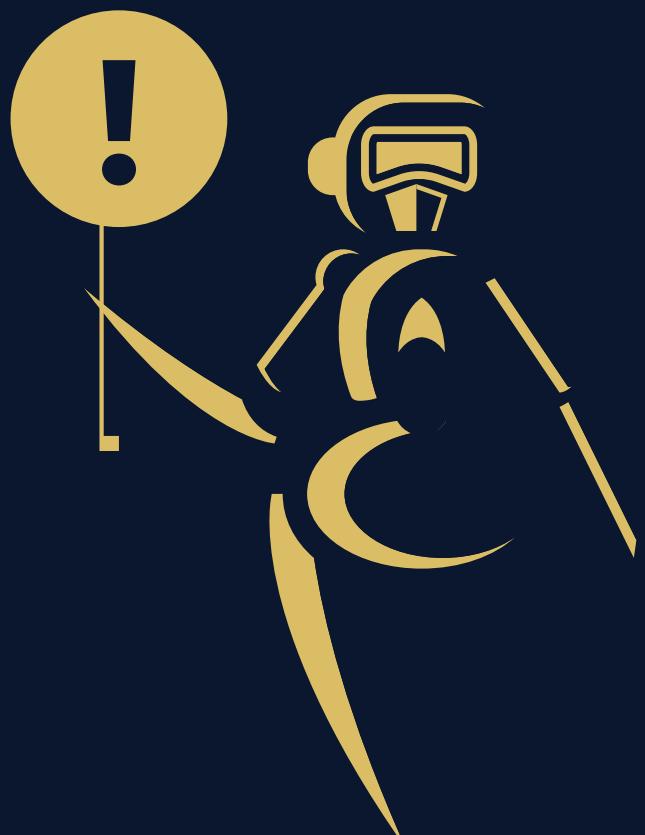
---

Background and foreground colors do not have a sufficient contrast ratio

---

Avoid enormous network payloads Total size was 6,694 KiB

---



# 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 exclude an address from transactions.

Contract owner can't mint tokens after initial contract deploy

Contract owner can enable/disable fees

```
function disableFees() public onlyOwner {
    prevLiqFee = _liquidityFee;
    prevTaxFee = _taxFee;

    _maxTxAmount = _tTotal;
    _liquidityFee = 0;
    _taxFee = 0;
    swapAndLiquifyEnabled = false;
}

function enableFees() public onlyOwner {
    _maxTxAmount = _tTotal;
    _liquidityFee = prevLiqFee;
    _taxFee = prevTaxFee;
    swapAndLiquifyEnabled = true;
}
```

Contract owner can exclude/include wallet from fees

```
function excludeFromFee(address account) public onlyOwner {
    _isExcludedFromFee[account] = true;
}

function includeInFee(address account) public onlyOwner {
    _isExcludedFromFee[account] = false;
}
```

Contract owner can change max tx amount

```
uint256 public minMxTxPercentage = 50;
.

.

.

function setMaxTxPercent(uint256 maxTxPercent) external onlyOwner() {
    require(maxTxPercent >= minMxTxPercentage && maxTxPercent <= 100, "maxTxPercent out of range");
    _maxTxAmount = _tTotal.mul(maxTxPercent).div(
        10**2
    );
}
```

## Contract owner can change the fees up to 20%

```
uint256 public maxLiqFee = 10;
uint256 public maxTaxFee = 10;
.

.

.

function setTaxFeePercent(uint256 taxFee) external onlyOwner() {
    require(taxFee >= 0 && taxFee <=maxTaxFee,"taxFee out of range");
    _taxFee = taxFee;
}

function setLiquidityFeePercent(uint256 liquidityFee) external onlyOwner() {
    require(liquidityFee >= 0 && liquidityFee <=maxLiqFee,"liquidityFee out of range");
    _liquidityFee = liquidityFee;
}
```

## Contract owner can change swap settings

```
function setSwapAndLiquifyEnabled(bool _enabled) public onlyOwner {
    swapAndLiquifyEnabled = _enabled;
    emit SwapAndLiquifyEnabledUpdated(_enabled);
}
```

## Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {
    emit OwnershipTransferred(_owner, address(0));
    _owner = address(0);
}
```

## Contract owner can transfer ownership

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

# 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 issue during the first review.

# TOKEN DETAILS

## Details

Buy fees: 0%

Sell fees: 0%

Max TX: N/A

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: Clean



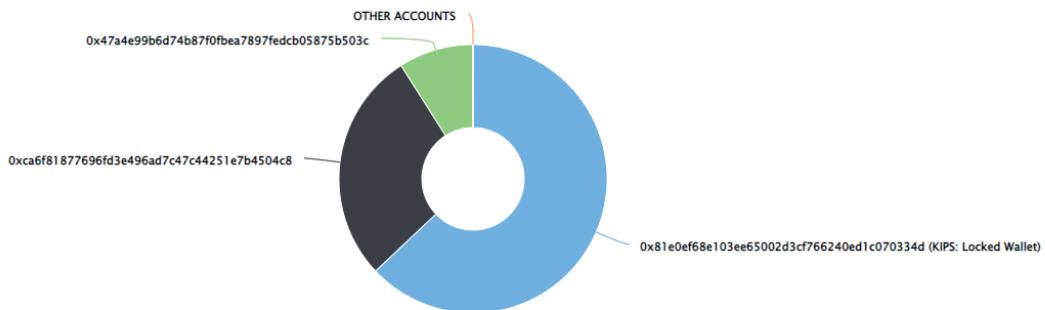
# CARGOLINK TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

The top 10 holders collectively own 100.00% (60,000,000.00 Tokens) of Cargolink

Token Total Supply: 50,000,000.00 Token | Total Token Holders: 3

Cargolink Top 10 Token Holders

Source: BscScan.com



(A total of 50,000,000.00 tokens held by the top 10 accounts from the total supply of 50,000,000.00 token)

Rank	Address	Quantity (Token)	Percentage
1	0x81e0ef68e103ee65002d3cf766240ed1c070334d (KIPS: Locked Wallet)	31,483,033.7499999985	62.9661%
2	0xca6f81877696fd3e496ad7c47c44251e7b4504c8	14,019,390	28.0388%
3	0x47a4e99b6d74b87f0fbea7897fedcb05875b503c	4,497,576.2500000015	8.9952%

# 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.

