



# SMART CONTRACT CODE REVIEW AND SECURITY ANALYSIS REPORT



**Royland**  
\$ROY

**28/02/2022**



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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 Honeygot etc )



# INTRODUCTION

**FreshCoins** (Consultant) was contracted by **Royland** (Customer) to conduct a Smart Contract Code Review and Security Analysis.

**0xEE608811f249658ACE571FfCa9413958B615069A**

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 **28/02/2022**



# WEBSITE DIAGNOSTIC

<https://www.royland.io/>



0-49



50-89



90-100



Performance



Accessibility



Best  
Practices



SEO



Progressive  
Web App

## Metrics



First Contentful Paint

**2.3 s**



Time to interactive

**7.0 s**



Speed Index

**3.7 s**



Total Blocking Time

**310 ms**



Large Contentful Paint

**6.5 s**



Cumulative Layout Shift

**0**

# 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.

---

Contract owner can renounce ownership

```
function renounceOwnership() public virtual onlyOwner {  
    _setOwner(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");  
    _setOwner(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:  | 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 |

## Rug Pull Risk

|            |       |
|------------|-------|
| Liquidity: | N/A   |
| Holders:   | Clean |



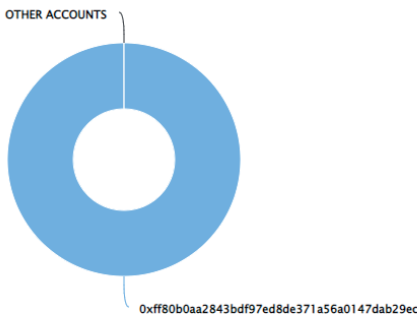
# ROYLAND TOKEN ANALYTICS & TOP 10 TOKEN HOLDERS

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

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

## Royland Top 10 Token Holders

Source: BscScan.com



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

| Rank | Address                                    | Quantity (Token) | Percentage |
|------|--|------------------|------------|
| 1    | 0xff80b0aa2843bdf97ed8de371a56a0147dab29ec | 100,000,000      | 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.

