



SMART CONTRACT REVIEW AND SECURITY REPORT



COMPLETED ON
SEP 01, 2022

OVERVIEW

This audit has been prepared for Ducky Doge Inu to review their Smart Contract Code and Security. This audit report aims to help investors make an informative decision during the project research.

In this report, you will find a summarized review of the following key points:

- ✓ Contract's source code
- ✓ Contract's function
- ✓ Owner's wallets
- ✓ Important Technical Stats
- ✓ Good Practices
- ✓ Recommendation

This document may contain confidential information about IT systems and the intellectual property of the Customer as well as information about potential vulnerabilities and methods of their exploitation.

The report containing confidential information can be used internally by the Customer, or it can be disclosed publicly after all vulnerabilities are fixed – upon a decision of the Customer.

► This Audit report DOES NOT guarantee nor reflect the outcome and goal of the project.

► DAudit's audit process only guarantees that the smart contract code has been verified not to have security breaches.

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CONTRACT INFORMATION

Token Name	Symbol	Type
Ducky Doge Inu	DDOGE	ERC-20

Contract Name

LiquidityGeneratorToken

Website

<https://duckydoge.co>

Technical Documentation

<https://duckydoge-inu.gitbook.io/welcome-to-duckduckdoge-inu>

Contract Address

0x19f9B304814be2F713DEd232FBaB07aD637feCcc

Network

Binance Smart Chain

Language

Solidity

Compiler Version

v0.8.4+commit.c7e474f2

Optimization

Yes with 200 runs

Decimals

9

Total Supply

1,000,000,000,000

DAUDIT CONTRACT REVIEW PROCESS

Smart Contract Code review process:

- ✓ Testing the smart contracts against both common and uncommon vulnerabilities.
- ✓ Assessing the codebase to ensure compliance with current best practices and industry standards.
- ✓ Ensuring contract logic meets the specifications and intentions of the client.
- ✓ Cross-referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- ✓ Thorough line-by-line manual review of the entire codebase by industry experts.

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PROJECT TECHNICAL INFORMATION

(AS OF SEP 1st, 2022)

STATUS:

HAVEN'T LAUNCHED YET

Owner Address	0x0846D4Ff09446A708429a2e52A8Dc25885F2cbDd
Charity Address	0x591B840d046A5C4F0eE063Cc6c535B46731C86D1



LIQUIDITY

Status: Not added yet

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IMPORTANT STATS

TAX

Buy tax: 5%
Sell tax: 5%

OWNER CAN SET FEES

Buy fee up to 25%
Sell fee up to 25%

MAX TX AMOUNT

Owner can't set max
tx amount

OWNERSHIP

Owner can renounce or
transfer ownership

MINT FUNCTION

No mint function
found

PAUSE

Owner can't
pause trading

BLACKLIST

Owner can't set
blacklist

WHITELIST

Owner can set
whitelist to avoid
transaction fee

VULNERABILITY CHECK

CODE REVIEW

Design Logic	Passed
Compiler Warnings	Passed
Private user data leaks	Passed
Timestamp dependence	Passed
Integer overflow and underflow	Passed
Race conditions and reentrancy. Cross-function race conditions	Passed
Possible delays in data delivery	Passed
Oracle Calls	Passed
Front Running	Passed
DoS with block gas limit	Passed
DoS with Revert	Passed
Methods execution permissions	Passed
Economy model	Passed
Impact of the exchange rate on the logic	Passed
Malicious Event Log	Passed
Scoping and declarations	Passed
Uninitialized storage pointers	Passed
Arithmetic accuracy	Passed
Cross function race conditions	Passed
Safe Zeppelin module	Passed
Fallback function security	Passed

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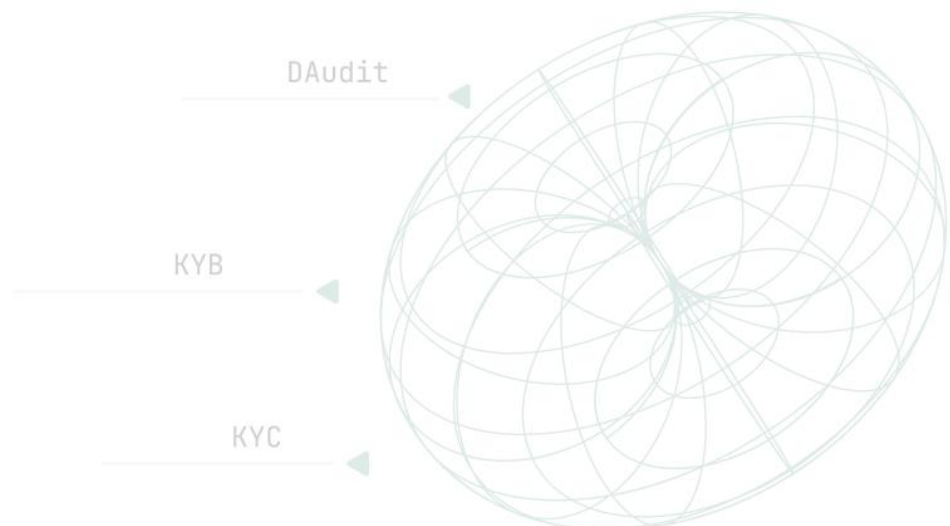
VULNERABILITY CHECK

FUNCTION REVIEW

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Business Logics Review Functionality Checks	Passed
Access Control & Authorization	Passed
Escrow manipulation	Passed
Token Supply manipulation	Passed
Assets integrity	Passed
User Balances manipulation	Passed
Data Consistency manipulation	Passed
Kill - Switch Mechanism Operation Trails & Event Generation	Passed

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RISK LEVELS

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and access control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

Critical

Critical vulnerabilities are usually straightforward to exploit and can lead to asset loss or data manipulations.

High

High-level vulnerabilities are difficult to exploit; however, they also have a significant impact on smart contract execution, e.g., public access to crucial functions

Medium

Medium-level vulnerabilities are important to fix; however, they can't lead to asset loss or data manipulations.

Low

Low-level vulnerabilities are mostly related to outdated, unused, etc. code snippets that can't have a significant impact on execution.

RISK FOUND 01

MEDIUM

Owner can set total fees up to 25%. Combine of buy and sell fee up to 50%.

```
function setTaxFeePercent(uint256 taxFeeBps) external onlyOwner {
    _taxFee = taxFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}

function setLiquidityFeePercent(uint256 liquidityFeeBps)
    external
    onlyOwner
{
    _liquidityFee = liquidityFeeBps;
    require(
        _taxFee + _liquidityFee + _charityFee <= 10**4 / 4,
        "Total fee is over 25%"
    );
}
```

Recommendation:

Total selling and buying fees should be kept at $\leq 25\%$.

DUCKY DOGE INU GOOD PRACTICES FOUND

1

The smart contract utilizes "SafeMath" to prevent overflows.

2

The owner cannot stop or pause the contract.

3

The owner cannot limit transaction amount.

4

The owner cannot stop or pause trading.

5

The owner cannot mint new tokens after deployment.





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ABOUT DAUDIT

DAudit offers Smart Contract vulnerability and quality testing services at a rapid pace to ensure that projects do not fall behind the market.

Experienced 	Fast 	Careful 	Affordable 
A group of experienced blockchain developers built many successful DApp applications and are familiar with security flaws.	Within 6 hours, the audit report will be on your desk! We also have professional consultation and support staff available around the clock.	We deeply analyze the smart contracts line by line and cover the smart contracts with both automated and manual testing.	Affordable We provide the most competitive price in the industry, with audit reports ranging from \$500 to \$1,000, KYC services start at \$1000, and KYB services start at \$2,000

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DISCLAIMER

DAudit Disclaimer

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The smart contracts submitted for audit were examined in accordance with best industry practices at the time of this report in terms of cybersecurity vulnerabilities and issues in smart contract source code, which are detailed in this report (Source Code); the Source Code compilation, deployment, and functionality (performing the intended functions).

The audit makes no claims or guarantees about the code's security. It also cannot be deemed an adequate appraisal of the code's utility and safety, bug-free status, or any other contractual assertions. While we did our best in completing the study and generating this report, it is crucial to emphasize that you should not rely only on this report; we advocate doing many independent audits and participating in a public bug bounty program to assure smart contract security.

The analysis of the security is purely based on the smart contracts alone. No applications or operations were reviewed for security. No product code has been reviewed

Technical Disclaimer

Smart Contracts are deployed and executed on a blockchain platform. The platform, its programming language, and other software related to the smart contract can have vulnerabilities that can lead to hacks. Thus, the audit can't guarantee the explicit security of the audited smart contracts.