



SMART CONTRACT AUDIT

Capitalize on the expertise of our smart contract auditors to launch highly secure blockchain applications.

APY JOKER

 SMART CONTRACT
 AUDIT



@AuditDefi

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DISCLAIMER

This is a limited report on our findings based on our analysis, in accordance with good industry practice as at the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, the details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the below disclaimer below – please make sure to read it in full.

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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.

BACKGROUND:

AuditDefi was commissioned by APY JOKER to perform an audit of smart contracts:
APYJOKER.sol

The purpose of the audit was to achieve the following:

- Ensure that the smart contract functions as intended.
- Identify potential security issues with the smart contract.

The information in this report should be used to understand the risk exposure of the smart contract, and as a guide to improve the security posture of the smart contract by remediating the issues that were identified

AUDIT DETAILS:

Contract name	APY JOKER
Token ticker	APJO
Contract address	0xbf6c9e4b8303c0160cb3dd778c7ddf23da7fd4f6
Total supply	10,000,000
Decimals	5
Language	SOLIDITY
Blockchain	Binance smart chain
Compiler	v0.7.4+commit.3f05b770
Website	https://apyjoker.online
Twitter	N/A
Telegram	https://t.me/apyjoker_security

PROJECT OVERVIEW:

APY JOKER is a decentralized platform using advanced WEB 3.0 Defi technologies, providing financial services based on embedded smart contracts, performing all interactions with users without risk and centralized intermediaries. The platform has its own intra APJO token, which rewards its users with a fixed annual percentage yield.

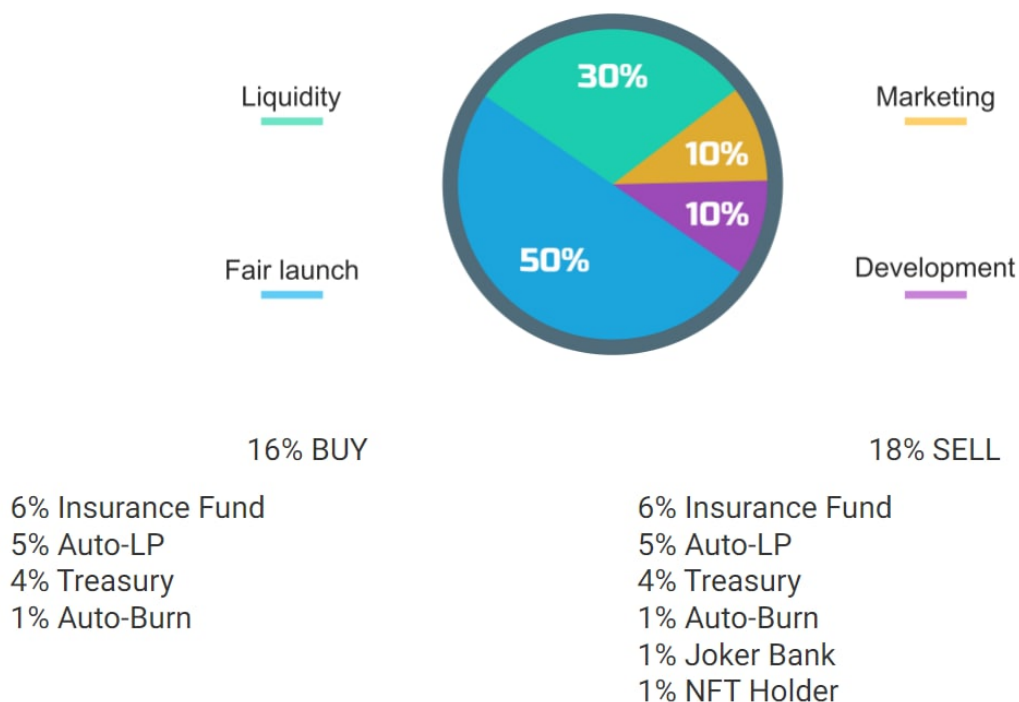
Features:

- Auto-Staking with steady fixed APY 1,008,700%.
- Auto-Compounding every 3 seconds!
- SWAP cryptocurrency without intermediaries.
- HAKING games with PLAY-TO-EARN model.
- NFT Marketplace with Staking NFT Collections.

Tokenomics:

DISTRIBUTION TOKEN

This distribution will ensure a steady rise in the price of the APJO token.



ROADMAP

YEAR 2022

- | | |
|---------------------------|---------------------------------------|
| ✓Team building | ⦿Coingecko.com, Coinmarketcap.com |
| ✓Whitepaper Documentation | ⦿Extensive Promotion in Media |
| ✓Website Release | ⦿Handing Out the First NFT Collection |
| ✓Token Launch on BSC | ⦿Testing dAap Platform |
| ✓Tech Audit contract | ⦿Testing Hacking Games |
| ✓Creation Social Networks | ⦿Testing NFT Marketplace |
| ✓Marketing Promote | ⦿Launch Platform |
| ✓Fair Launch on PinkSale | ⦿Game & NFT Marketplace |
| ⦿PancakeSwap Listing | ⦿One Million Users |

ISSUE CHECKING STATUS

No	Issue description.	Checking status
1	Compiler warnings.	Passed
2	Race conditions and Reentrancy. Cross-function race conditions.	Passed
3	Possible delays in data delivery.	Passed
4	Oracle calls.	Passed
5	Front running.	Passed
6	Timestamp dependence.	Passed
7	Integer Overflow and Underflow.	Passed
8	DoS with Revert.	Passed
9	DoS with block gas limit.	Low
10	Methods execution permissions.	Passed
11	Economy model.	Passed
12	The impact of the exchange rate on the logic.	Passed
13	Private user data leaks.	Passed
14	Malicious Event log.	Passed
15	Scoping and Declarations.	Passed
16	Uninitialized storage pointers.	Passed
17	Arithmetic accuracy.	Passed
18	Design Logic.	Passed
19	Cross-function race conditions.	Passed
20	Safe Zeppelin module.	Passed
21	Fallback function security.	Passed

SMART CONTRACT - SWC ATTACKS

SWC ID	Description	Verdict
SWC-101	Integer Overflow and Underflow	Passed
SWC-102	Outdated Compiler Version !	!Low
SWC-103	Floating Pragma	Passed
SWC-104	Unchecked Call Return Value	Passed
SWC-105	Unprotected Ether Withdrawal	Passed
SWC-106	Unprotected SELFDESTRUCT Instruction	Passed
SWC-107	Re-entrancy	Passed
SWC-108	State Variable Default Visibility	Passed
SWC-109	Uninitialized Storage Pointer	Passed
SWC-110	Assert Violation	Passed
SWC-111	Use of Deprecated Solidity Functions	Passed
SWC-112	Delegate Call to Untrusted Callee	Passed
SWC-113	DoS with Failed Call	Passed
SWC-114	Transaction Order Dependence	Passed
SWC-115	Authorization through tx.origin	Passed
SWC-116	Block values as a proxy for time	Passed
SWC-117	Signature Malleability	Passed
SWC-118	Incorrect Constructor Name	Passed
SWC-119	Shadowing State Variables	Passed
SWC-120	Weak Sources of Randomness from Chain Attributes	Passed
SWC-121	Missing Protection against Signature Replay Attacks	Passed
SWC-122	Lack of Proper Signature Verification	Passed
SWC-123	Requirement Violation	Passed
SWC-124	Write to Arbitrary Storage Location	Passed
SWC-125	Incorrect Inheritance Order	Passed
SWC-126	Insufficient Gas Griefing	Passed
SWC-127	Arbitrary Jump with Function Type Variable	Passed
SWC-128	DoS With Block Gas Limit	Passed
SWC-129	Typographical Error	Passed
SWC-130	Right-To-Left-Override control character (U+202E)	Passed
SWC-131	Presence of unused variables	Passed
SWC-132	Unexpected Ether balance	Passed
SWC-133	Hash Collisions With Multiple Variable Length Arguments	Passed
SWC-134	Message call with hardcoded gas amount	Passed
SWC-135	Code With No Effects (Irrelevant/Dead Code) !	Passed
SWC-136	Unencrypted Private Data On-Chain	Passed

SMART CONTRACT - RISK STATUS

Risk Severity

- ! Critical
- ! High
- ! Medium
- ! Low
- Passed

Status

- None critical severity issues identified
- None high severity issues identified
- None medium severity issues identified
- 1 low severity issue identified
- 35 functions and instances verified and passed

OWNER PRIVILEGES

1. approve

2. decreaseAllowance

3. increaseAllowance

4. manualRebase

5. manualSync

6. renounceOwnership

7. setAutoAddLiquidity

8. setAutoRebase

9. setBotBlacklist

10. setFeeReceivers

11. setLP

12. setNormalFees

13. setPairAddress

14. setWhitelist

15. setZeroFees

16. transfer

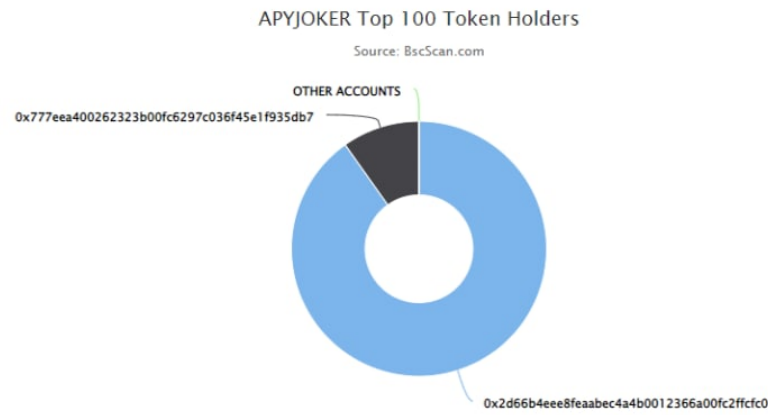
17. transferFrom

18. transferOwnership


19. withdrawAllToTreasury

TOP TOKEN HOLDERS

At the time of the audit



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

Rank	Address	Quantity (Token)	Percentage
1	 0x2d66b4eee8feaabec4a4b0012366a00fc2ffcfc0	9,019,000	90.1900%
2	0x777eea400262323b00fc6297c036f45e1f935db7	981,000	9.8100%

CONCLUSION

APY JOKER does not contain any severe issues.

10% OF THE TOTAL SUPPLY IS VESTED

10.8% OF THE TOTAL SUPPLY IS LOCKED

Unlock #	Time (UTC)	Unlocked tokens
1	2022.05.03 20:00	100,000 (10%)
2	2022.06.02 20:00	200,000 (20%)
3	2022.07.02 20:00	200,000 (20%)
4	2022.08.01 20:00	200,000 (20%)
5	2022.08.31 20:00	200,000 (20%)
6	2022.09.30 20:00	100,000 (10%)



AuditDefi note:

Please check the disclaimer above and note, the audit makes no statements or warranties on business model, investment attractiveness or code sustainability. The report is provided for the only contract mentioned in the report and does not include any other potential contracts deployed by Owner