



OXSCANS

Peapods

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OVERVIEW

This audit has been prepared for 'Peapods' to review the main aspects of the project to help investors make an informative decision during their research process

You will find a summarized review of the following **key points**:



Contract's source code



Owner wallets



Tokenomics



Team transparency and goals



Website's age, code, security and UX



Whitepaper and roadmap



Social media and online presence

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General Information

Peapods

Peapods finance offers farming volatility through the first fully decentralized on-chain yield-bearing index funds, or pods.

Name

Peapods

Direction

Ethereum Ecosystem

Info

[Website](#)

[Telegram Bot](#)

General Information

Tokenomics

Ticker 0X02F92800F57BCD74066F5709F1DAA1A4302DF875

Network ethereum

Contract Address 0x02f92800f57bcd74066f5709f1daa1a4302df875

General Analysis

Audit Review Process

- 1 Testing the smart contracts against both common and uncommon vulnerabilities
- 2 Assessing the codebase to ensure compliance with current best practices and industry standards
- 3 Ensuring contract logic meets the specifications and intentions of the client
- 4 Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders
- 5 Thorough line-byline AI review of the entire codebase by industry

Token Transfer Stats

Transactions (Latest Mine Block)



1

Token holders



3924

Compiler



v0.7.6

Smart Contract Stats

Functions



12

Events



3

Constructor



1

Detail Analysis

Threat Level

● High	Issues on this level are critical to the smart contract's performace/functionality and should be fixed before moving to a live enviroment
● Medium	Issues on this level are critical to the smart contract's performace/functionality and should be fixed before moving to a live enviroment
● Low	Issues on this level are minor details and warning that can remain unfixed
● Informational	Informational level is to offer suggestions for improvement of efficacy or secuirty for fratures with risk free factor

Threat Level

● High	0 threats found
● Medium	1 threats found
● Low	0 threats found
● Informational	0 threats found

Detail Analysis

Vulnerability Check



20 Passed



1 Fail



Arbitrary Jump/Storage Write



Centralization of Control



Compiler Issues



Delegate Call to Untrusted Contract



Dependence on Predictable Variables



Ether/Token Theft



Flash Loans



Front Running



Improper Events



Improper Authorization Scheme



Integer Over/Underflow



Logical Issues



Oracle Issues



Outdated Compiler Version



Race Conditions



Reentrancy



Signature Issues



Sybil Attack



Unbounded Loops



Unused Code



Overall Contract Safety

Detail Analysis

Detail Analysis



20 Passed



1 Fail

CATEGORY	STATUS	NOTES
Arbitrary Jump/Storage Write		No arbitrary jumps or storage writes detected. The contract follows standard patterns without low-level calls.
Centralization of Control		The contract does not exhibit centralization issues. Token supply and transfers are decentralized.
Compiler Issues		Compiled with a recent compiler version (v0.7.6) without known issues.
Delegate Call to Untrusted Contract		The contract does not use delegate calls, mitigating risks associated with delegate calls to untrusted contracts.
Dependence on Predictable Variables		The contract does not rely on variables like block.timestamp or block.number in a way that impacts core functionalities.

Detail Analysis

Detail Analysis



20 Passed



1 Fail

CATEGORY	STATUS	NOTES
Ether/Token Theft		No vulnerabilities such as exposed private keys or insecure external calls that could lead to Ether or token theft.
Flash Loans		The contract is not susceptible to flash loan attacks as it does not involve lending or borrowing functions.
Front Running		Standard ERC20 transfer patterns are used, which might be susceptible to front running in the broader DeFi ecosystem.
Improper Events		All events are properly declared and emitted following the ERC20 standard.
Improper Authorization Scheme		Authorization is properly managed. No improper access control detected.
Integer Over/Underflow		SafeMath library is used to prevent integer overflows and underflows.

Detail Analysis

Detail Analysis



20 Passed



1 Fail

CATEGORY	STATUS	NOTES
Logical Issues		No major logical issues detected. The contract logic aligns with standard ERC20 implementations.
Oracle Issues		The contract does not use external oracles, thus no oracle-related issues are present.
Outdated Compiler Version		The contract uses a relatively recent compiler version, which is appropriate for the contract's complexity.
Race Conditions		Potential race conditions are mitigated by standard transfer and allowance mechanisms.
Reentrancy		No reentrancy vulnerabilities are present due to the use of well-established patterns and checks.
Signature Issues		The contract does not utilize signatures in a way that could introduce vulnerabilities.

Detail Analysis

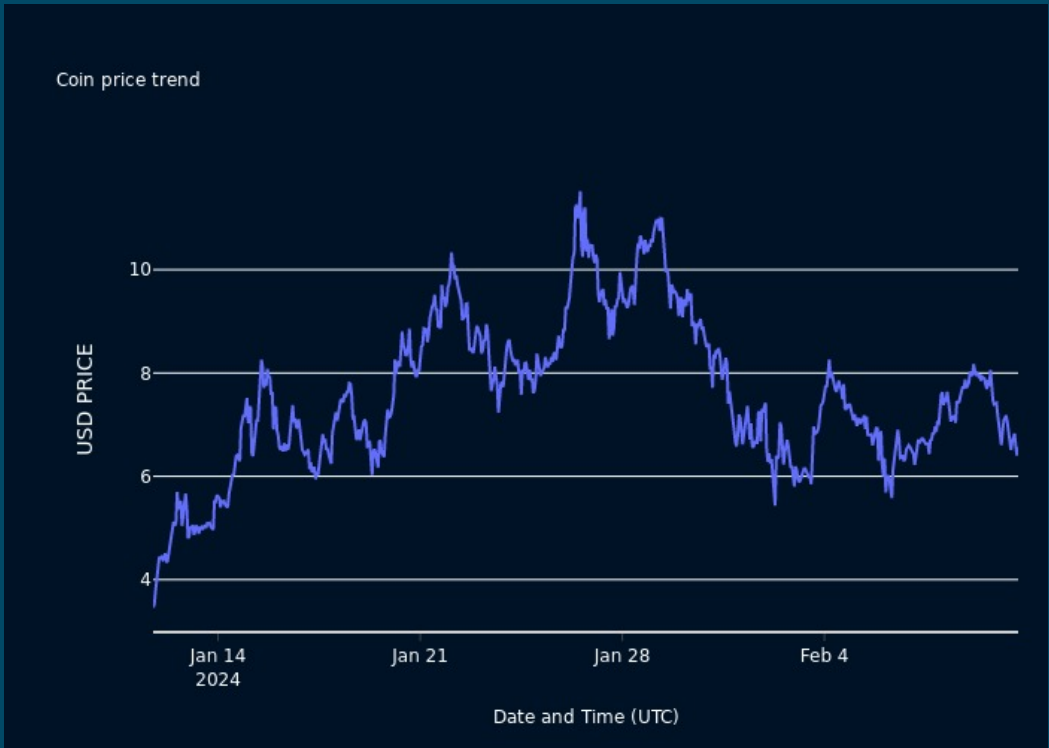
Detail Analysis

20 Passed

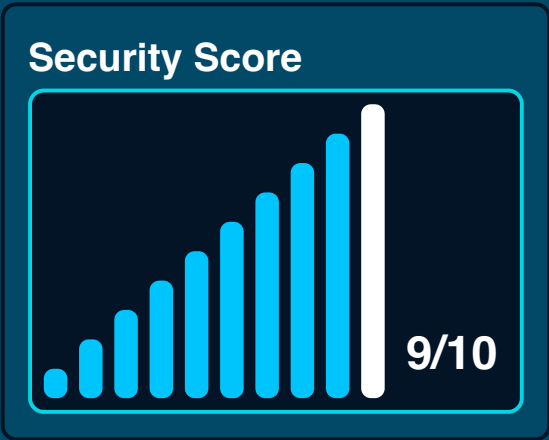
1 Fail

CATEGORY	STATUS	NOTES
Sybil Attack	<div></div>	The nature of the contract does not expose it to Sybil attacks.
Unbounded Loops	<div></div>	No unbounded loops that could lead to gas limit issues or denial of service.
Unused Code	<div></div>	No significant amount of unused code. The contract is concise and to the point.
Overall Contract Safety	<div></div>	The contract follows standard ERC20 protocol without significant deviations. General best practices are followed.

Market Analysis



Score





Legal Disclaimer

0xscans operates as an automated system for smart contract due diligence, acknowledging the possibility of bugs or vulnerabilities impacting token values. We do not hold specific obligations regarding your trading outcomes or the utilization of audit content. Users release 0xscans from any liability associated with content obtained through the tool.



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