

Audit Report

GrailPad

December 2021

Type	BEP20
Address	0x716Cd63D7523D120a8Ab5bb97E149Aba5a726C76
Audited by	© coinscope

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Contract Review

Contract Name	StandardERC20
Compiler Version	v0.7.6+commit.7338295f
Optimization	200 runs
Licence	MIT
Explorer	https://bscscan.com/token/0x716Cd63D7523D120a8Ab5bb97E149Aba5a726C76
Symbol	GRAIL
Decimals	8
Total Supply	200,000,000
Website	https://grailpad.io/

Audit Updates

Initial Audit	9th of December 2021
Corrected	

Contract Analysis

Pass	Description
✓	Contract Owner is not able to mint new tokens
✓	Contract Owner is not able to burn new tokens
✓	Contract Owner is not able to increase fees more than a reasonable percent (up to 10%)
✓	Contract Owner is not able to stop or pause transactions
✓	Contract Owner is not able to transfer tokens from specific address
✓	Contract Owner is not able to increase the amount of liquidity taken by dev wallet more than a reasonable percent
✓	Contract Owner is not able to blacklist wallets from selling
✓	Liquidity Pool is locked

Contract Diagnostics

Pass	Name
✓	Integer Underflow
✓	Parity Multisig Bug
✓	Callstack Depth Attack
✓	Transaction-Ordering Dependency
✓	Timestamp Dependency
✓	Re-Entrancy

Contract Functions

Contract	Type	Bases		
	Function Name	**Visibility**	**Mutability**	**Modifiers**
IERC20Upgradeable	Interface			
	totalSupply	External		-
	balanceOf	External		-
	transfer	External	✓	-
	allowance	External		-
	approve	External	✓	-
	transferFrom	External	✓	-
AddressUpgradeable	Library			
	isContract	Internal		
	sendValue	Internal	✓	
	functionCall	Internal	✓	
	functionCall	Internal	✓	
	functionCallWithValue	Internal	✓	

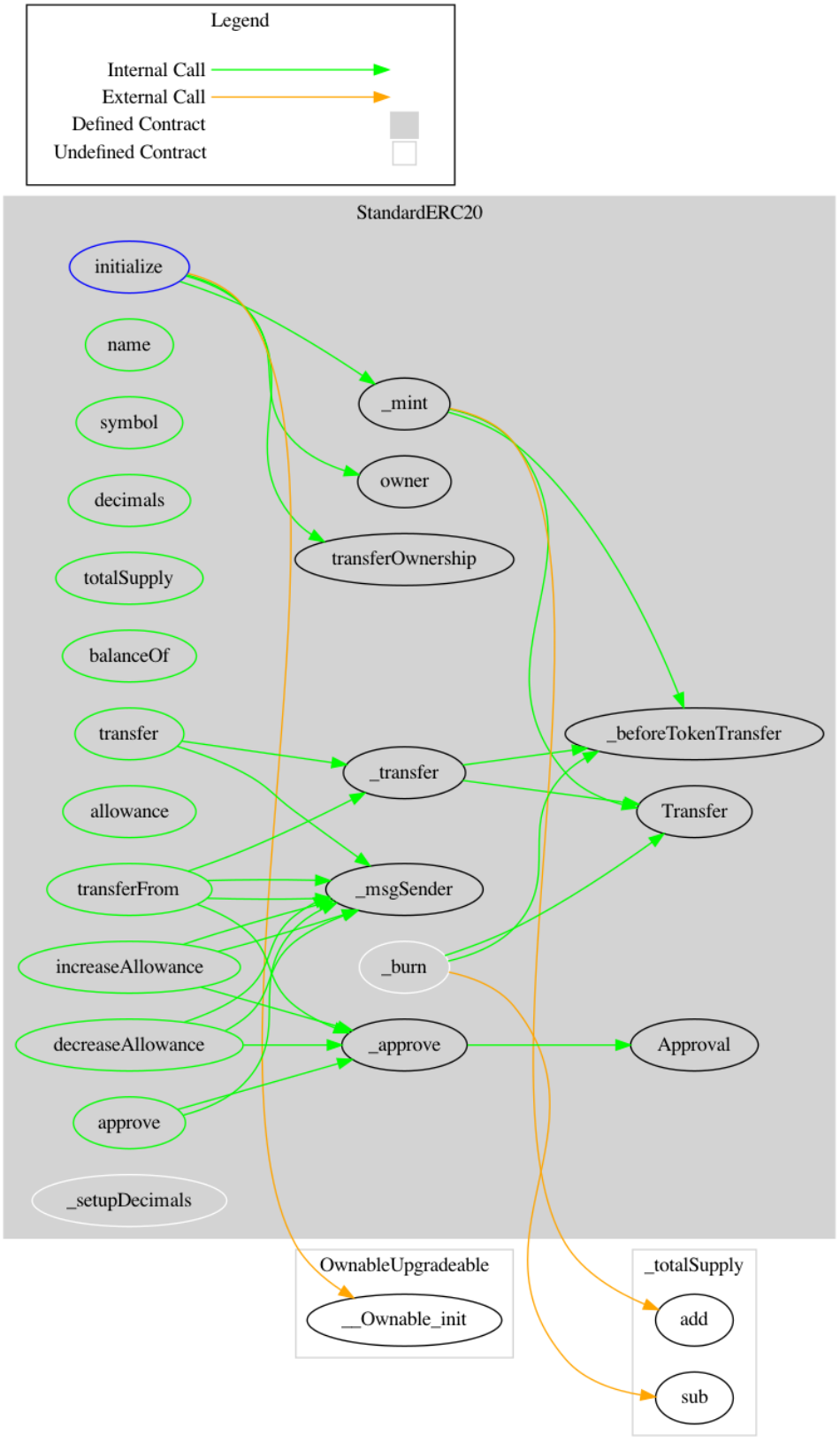
	functionCallWithValue	Internal	✓	
	functionStaticCall	Internal		
	functionStaticCall	Internal		
	_verifyCallResult	Private		
Initializable	Implementation			
	_isConstructor	Private		
ContextUpgradeable	Implementation	Initializable		
	__Context_init	Internal	✓	initializer
	__Context_init_unchained	Internal	✓	initializer
	_msgSender	Internal		
	_msgData	Internal		
OwnableUpgradeable	Implementation	Initializable, ContextUpgradeable		
	__Ownable_init	Internal	✓	initializer
	__Ownable_init_unchained	Internal	✓	initializer

	owner	Public		-
	renounceOwnership	Public	✓	onlyOwner
	transferOwnership	Public	✓	onlyOwner
SafeMath	Library			
	tryAdd	Internal		
	trySub	Internal		
	tryMul	Internal		
	tryDiv	Internal		
	tryMod	Internal		
	add	Internal		
	sub	Internal		
	mul	Internal		
	div	Internal		
	mod	Internal		
	sub	Internal		
	div	Internal		
	mod	Internal		

IStandardERC20	Interface			
	initialize	External	✓	-
StandardERC20	Implementation	IERC20Upgradeable, OwnableUpgradeable, IStandardERC20		
	initialize	External	✓	initializer
	name	Public		-
	symbol	Public		-
	decimals	Public		-
	totalSupply	Public		-
	balanceOf	Public		-
	transfer	Public	✓	-
	allowance	Public		-
	approve	Public	✓	-
	transferFrom	Public	✓	-
	increaseAllowance	Public	✓	-
	decreaseAllowance	Public	✓	-

	_transfer	Internal	✓	
	_mint	Internal	✓	
	_burn	Internal	✓	
	_approve	Internal	✓	
	_setupDecimals	Internal	✓	
	_beforeTokenTransfer	Internal	✓	

Contract Flow



Domain Info

Domain Name	grailpad.io
Registry Domain ID	824a0cd44ac34dde8be1ad4b2b1561f3-DONUTS
Registrar WHOIS Server	key-systems.net
Registrar URL	http://key-systems.net
Updated Date	2021-11-09T23:31:08Z
Creation Date	2021-10-31T17:26:30Z
Registry Expiry Date	2022-10-31T17:26:30Z
Registrar	Key-Systems GmbH
Registrar IANA ID	269

The domain has been created one month before the creation of the audit. It will expire in one year.

There is no public billing information, the creator is protected by the privacy settings.

Summary

GrailPad is aiming to empower launchpad projects with useful utilities. The static contract analysis and manual review did not report any critical issues. There are no functions that can be abused by the owner. KYC or doxxing the team is advised in order to gain confidence and trust from the community. All the names, logos and brands referenced by the website are not connected to actual content.

Disclaimer

All the content provided in this document is for general information only and should not be used as a financial advice or a reason to buy any investment.

Coinscope team provides no guarantees against the sale of team tokens or the removal of liquidity by the project audited in this document. Always Do your own research and protect yourselves from being scammed.

Coinscope team has audited this project for general information and only expresses their opinion based on similar projects and checks from popular diagnostic tools. Under no circumstances did Coinscope receive a payment to manipulate those results or change the awarding badge that we will be adding in our website.

Always Do your own research and protect yourselves from scams. This document should not be presented as a reason to buy or not buy any particular token.

Coinscope team disclaims any liability for the resulting losses.

About Coinscope

Coinscope is the leading early coin listing, voting and auditing authority firm. The audit process is analyzing and monitoring many aspects of the project. That way, it gives the community a good sense of security using an informative report and a generic score.

Coinscope is aiming to make crypto discoverable and efficient globally. It provides all the essential tools to assist users draw their own conclusions.



The Coinscope.co team

https://www.coinscope.co