



PRISMA SHIELD



CRESCENTSWAP

# CODE VERIFICATION REPORT

CrescentSwap DEX

MAY 24 2023



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# Overview

This is a Code Verification Report, and not a Deep Logic Audit. This report is simply verifying that the CrescentSwap DEX contracts have been forked exactly from the official UniswapV3 DEX contracts, without any functional changes.

This report does NOT constitute an audit of the UniswapV3 DEX contracts, and therefore any potential vulnerabilities in the UniswapV3 DEX contracts may also be present in the CrescentSwap DEX contracts.

This verification was done by comparing the bytecode and source code of the deployed CrescentSwap DEX contracts with the corresponding bytecode and source code of the deployed UniswapV3 DEX contracts (<https://docs.uniswap.org/contracts/v3/reference/deployments>), and verifying that there are no functional changes. The only allowed changes were to the constructor arguments of some of the contracts that are necessary for the overall system to work correctly.

It has also been verified that the contract owner of the relevant contracts has been set to CrescentSwap's Gnosis multisig address [0x70fDFC034f2AB7Ab8E279f1A30d4Af2905F8C06D](https://gnosissig.io/0x70fDFC034f2AB7Ab8E279f1A30d4Af2905F8C06D).

# Contract Addresses

CrescentSwapFactory (UniswapV3Factory)

<https://arbiscan.io/address/0x8219904A8683d06e38605276baCBf2D29aa764DD#code>

AlgebraInterfaceMulticall (Multicall2)

<https://arbiscan.io/address/0xebe9c0F50DefE5946c1B29E21928E85dd402edbe#code>

ProxyAdmin (ProxyAdmin)

<https://arbiscan.io/address/0x90AC308ae89C3e5743272E9B60d3c0b0b9bF5110#code>

TickLens (TickLens)

<https://arbiscan.io/address/0x9143ef1cAe3f7E350fbc1d954bBD29d09aB1644A#code>

NFTDescriptor (NFTDescriptor)

<https://arbiscan.io/address/0xE9Dc74A35B39100edc50F1551260edbB08Fd0b0C#code>

NonfungibleTokenPositionDescriptor (NonfungibleTokenPositionDescriptor)

<https://arbiscan.io/address/0x023c245a0CA897C6Bd889df3342922f963E96943#code>

TransparentUpgradeableProxy (TransparentUpgradeableProxy)

<https://arbiscan.io/address/0xb58B4d8dae3B730d3d98583005D79B3eab061DD6#code>

NonfungiblePositionManager (NonfungiblePositionManager)

<https://arbiscan.io/address/0xf441Bb995f1b528F8e0915D1415CC6AF0289c8c4#code>

V3Migrator (V3Migrator)

<https://arbiscan.io/address/0x1bAc002094d57F4a08CA5F888A5F05E9a4422370#code>

# Contract Addresses

QuoterV2 (QuoterV2)

<https://arbiscan.io/address/0xcBd538EE5832235C1F491036967A38A1f353cbD5#code>

SwapRouter02 (SwapRouter02)

<https://arbiscan.io/address/0x60fC582C943CF1ae4cea7b47d86605a66E6083c5#code>

CrescentSwapStaker (UniswapV3Staker)

<https://arbiscan.io/address/0x32652827cc02f77585E7a1eDd83fd515Ae7B8331#code>

# Disclaimer

The information in this report objectively compares the smart contracts being verified against other smart contracts that are widely used. It does not ensure the correctness or authenticity of any software or dApp that interacts with or claims to interact with any smart contract.

This report does not constitute any advice whatsoever. You are solely responsible for conducting your own due diligence and consulting your financial advisor before making any investment decisions. Trust in project owners is required to invest in this protocol as a Prisma Shield audit or code verification does not ensure the fulfillment of roadmap deliverables and allocation of funds. Our reports do not amount to any form of warranty or guarantee that the reviewed smart contracts are void of any weaknesses, vulnerabilities, or bugs. Prisma Shield and its founders, employees, owners, and associates are not liable for any damage or loss of funds. Please ensure trust in the team prior to investing as this report does not guarantee the promised use of your funds.



Introducing Deep Logic  
Smart Contract  
Auditing to Web3



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