

Berachain

Smart Contract Security Assessment

VERSION 1.1



AUDIT DATES:

June 12th to June 13th, 2025

AUDITED BY:

ether_sky
rvierdiev

Contents

1	Introduction	2
1.1	About Berachain	3
1.2	Disclaimer	3
1.3	Risk Classification	3
<hr/>		
2	Executive Summary	3
2.1	About Berachain	4
2.2	Scope	4
2.3	Audit Timeline	5
2.4	Issues Found	5
<hr/>		
3	Findings Summary	5
<hr/>		
4	Findings	6
4.1	Informational	7

1

Introduction

1.1 About Berachain

Berachain is a high-performance EVM-Identical Layer 1 blockchain utilizing Proof-of-Liquidity (PoL) and built on top of the modular EVM-focused consensus client framework BeaconKit.

1.2 Disclaimer

This report reflects an analysis conducted within a defined scope and time frame, based on provided materials and documentation. It does not encompass all possible vulnerabilities and should not be considered exhaustive.

The review and accompanying report are presented on an "as-is" and "as-available" basis, without any express or implied warranties.

Furthermore, this report neither endorses any specific project or team nor assures the complete security of the project.

1.3 Risk Classification

SEVERITY LEVEL	IMPACT: HIGH	IMPACT: MEDIUM	IMPACT: LOW
Likelihood: High	Critical	High	Medium
Likelihood: Medium	High	Medium	Low
Likelihood: Low	Medium	Low	Low

2

Executive Summary

2.1 About Berachain

Berachain is a high-performance EVM-Identical Layer 1 blockchain utilizing Proof-of-Liquidity (PoL) and built on top of the modular EVM-focused consensus client framework BeaconKit.

2.2 Scope

The engagement involved a review of the following targets:

Target	meta-aggregator
---------------	-----------------

Repository	https://github.com/berachain/meta-aggregator
-------------------	---

Commit Hash	2cbfcaa75c31145eadcb4eb85cfb70447d18f54e
--------------------	--

Files	Changes in PR-4
--------------	-----------------

2.3 Audit Timeline

June 12th, 2025	Audit start
June 13th, 2025	Audit end
January 13, 2025	Report published

2.4 Issues Found

SEVERITY	COUNT
Critical Risk	0
High Risk	0
Medium Risk	0
Low Risk	0
Informational	1
Total Issues	1

3

Findings Summary

ID	Description	Status
I-1	A function to rescue BERA tokens can be introduced	Resolved

4

Findings

4.1 Informational

A total of 1 informational findings were identified.

[I-1] A function to rescue BERA tokens can be introduced

SEVERITY: Informational

IMPACT: Informational

STATUS: Resolved

LIKELIHOOD: Low

Target

- [MetaAggregatorV2.sol](#)

Description:

MetaAggregatorV2 can [receive](#) BERA tokens.

```
receive() external payable { }
```

It includes a function to rescue ERC20 tokens, but it lacks a [function](#) to rescue BERA.

```
function rescueTokens(address token) external {  
    token.safeTransfer(feeReceiver, token.balanceOf(address(this)));  
}
```

Recommendations:

```
+ function rescueBERA() external {  
+     SafeTransferLib.safeTransferETH(feeReceiver, address(this).balance);  
+ }
```

Berachain: Fixed in the commit [@75d563feec6...](#)

Zenith: Verified.