

**Building the Futuristic Blockchain Ecosystem** 

# SECURITY AUDIT REPORT

**Furfication** 



### **TOKEN OVERVIEW**

#### **Risk Findings**

| Severity      | Found |  |
|---------------|-------|--|
| High          | 0     |  |
| Medium        | 0     |  |
| Low           | 0     |  |
| Informational | 1     |  |

#### **Centralization Risks**

| Owner Privileges                  | Description  |
|-----------------------------------|--------------|
| Can Owner Set Taxes >25% ?        | Not Detected |
| Owner needs to enable trading?    | Not Detected |
| Can Owner Disable Trades ?        | Not Detected |
| Can Owner Mint?                   | Not Detected |
| Can Owner Blacklist ?             | Not Detected |
| Can Owner set Max Wallet amount ? | Not Detected |
| Can Owner Set Max TX amount ?     | Not Detected |



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# **OVERVIEW**

The Expelee team has performed a line-by-line manual analysis and automated review of the smart contract. The smart contract was analysed mainly for common smart contract vulnerabilities, exploits, and manipulation hacks. According to the smart contract audit:

| Audit Result | Passed     |
|--------------|------------|
| Audit Date   | 7 May 2025 |



# CONTRACT DETAILS

**Token Address:** 0x0174E91760e9284E807E916854ef0ea97781A76F

Name: Furfication

Symbol: Fur

**Decimals: 18** 

**Network:** Base

Type: ERC-20

Owner: -

**Token Supply:** 10,000,000,000

**Checksum:** 0x0174E91760e9284E807E916854ef0ea97781A76F

**Testnet:**https://basescan.org//token/0x0174E91760e9284E807E9168 54ef0ea97781A76F#code



# AUDIT METHODOLOGY

#### **Audit Details**

Our comprehensive audit report provides a full overview of the audited system's architecture, smart contract codebase, and details on any vulnerabilities found within the system.

#### **Audit Goals**

The audit goal is to ensure that the project is built to protect investors and users, preventing potentially catastrophic vulnerabilities after launch, that lead to scams and rugpulls.

#### **Code Quality**

Our analysis includes both automatic tests and manual code analysis for the following aspects:

- Exploits
- Back-doors
- Vulnerability
- Accuracy
- Readability

#### **Tools**

- Manual Review: The code has undergone a line-by-line review by the Ace team.
- ETH Test Network: All tests were conducted on the ETH Test network, and each test has a corresponding transaction attached to it. These tests can be found in the "Functional Tests" section of the report.
- Slither: The code has undergone static analysis using Slither.



# VULNERABILITY CHECKS

| Design Logic   | Passed |
|--|--------|
| Compiler warnings  | Passed |
| Private user data leaks                                      | Passed |
| Timestamps dependence  | Passed |
| Integer overflow and underflow                               | Passed |
| Race conditions & reentrancy. Cross-function race conditions | Passed |
| Possible delays in data delivery                             | Passed |
| Oracle calls   | Passed |
| Front Running  | Passed |
| DoS with Revert  | Passed |
| DoS with block gas limit                                     | Passed |
| Methods execution permissions                                | Passed |
| Economy model  | Passed |
| Impact of the exchange rate on the logic                     | Passed |
| Malicious event log  | Passed |
| Scoping and declarations                                     | Passed |
| Uninitialized storage pointers                               | Passed |
| Arithmetic accuracy  | Passed |
| Cross-function race conditions                               | Passed |
| Safe Zepplin module  | Passed |



# RISK CLASSIFICATION

When performing smart contract audits, our specialists look for known vulnerabilities as well as logical and acces control issues within the code. The exploitation of these issues by malicious actors may cause serious financial damage to projects that failed to get an audit in time. We categorize these vulnerabilities by the following levels:

#### **High Risk**

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

#### **Medium Risk**

Issues on this level are critical to the smart contract's performance/functionality and should be fixed before moving to a live environment.

#### **Low Risk**

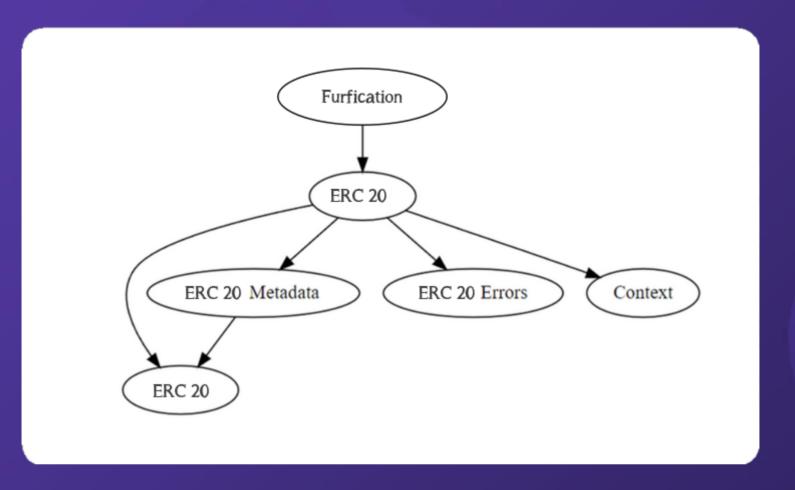
Issues on this level are minor details and warning that can remain unfixed.

#### **Informational**

Issues on this level are minor details and warning that can remain unfixed.



## INHERITANCE TREE





### **TESTNET VERSION**

#### 1- Approve (passed):

https://basescan.org//token/0x0174E91760e9284E807E916854ef0ea9 7781A76F#code

#### 2- Transfer (passed):

https://basescan.org//token/0x0174E91760e9284E807E916854ef0ea97781A76F#code



### MANUAL REVIEW

#### **Severity Criteria**

Expelee assesses the severity of disclosed vulnerabilities according to methodology based on OWASP standarts.

Vulnerabilities are dividend into three primary risk categroies:

High

Medium

Low

High-level considerations for vulnerabilities span the following key areas when conducting assessments:

- Malicious input handling
- Escalation of privileges
- Arithmetic
- Gas use

|        | Ove    | erall Risk Seve | rity   |          |
|--------|--------|-----------------|--------|----------|
| Impact | HIGH   | Medium          | High   | Critical |
|        | MEDIUM | Low             | Medium | High     |
|        | LOW    | Note            | Low    | Medium   |
|        |        | LOW             | MEDIUM | HIGH     |
|        |        | Likel           | ihood  |          |



#### INFORMATIONAL FINDINGS

#### **Optimization**

**Severity: Informational** 

**Subject: Floating Pragma Solidity version** 

**Status: Open** 

#### **Overview:**

It is considered best practice to pick one compiler version and stick with it. With a floating pragma, contracts may accidentally be deployed using an outdated.

pragma solidity ^0.8.26;

#### **Suggestion:**

Adding the latest constant version of solidity is recommended, as this prevents the unintentional deployment of a contract with an outdated compiler that contains unresolved bugs.



# **ABOUT EXPELEE**

Expelee is a product-based aspirational Web3 start-up. Coping up with numerous solutions for blockchain security and constructing a Web3 ecosystem from deal making platform to developer hosting open platform, while also developing our own commercial and sustainable blockchain.



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**Building the Futuristic Blockchain Ecosystem** 



# **DISCLAIMER**

All the content provided in this document is for general information only and should not be used as financial advice or a reason to buy any investment. Team provides no guarantess against the sale of team tokens or the removal of liquidity by the project audited in this document.

Always do your own research and project yourselves from being scammed. The Expelee 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 Expelee receive a payment to manipulate those results or change the awarding badge that we will be adding in our website. Alway 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. The Expelee team disclaims any liability for the resulting losses.



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