



# SMART CONTRACT SECURITY AUDIT

Enterprise-Grade Blockchain Security Assessment

JUSDC Ecosystem • Powered by Advanced Auditing

CERTIFICATE NUMBER

**JUSDC-POL-202510-FFF13F**

VERIFIED

## JUSDC Contract

Polygon

**Auditor:** CertiK

**Audit Date:** Oct 07, 2025

**Contract Type:** Multi-chain Reserve

**Next Review:** Jan 07, 2026

Contract: 0xFfF13F7Df6db0811A45b162D5CA742F970888eE0

## Executive Summary

This comprehensive security audit evaluates the JUSDC Contract smart contract deployed on Polygon blockchain. Our multi-layered analysis includes automated security scanning, manual code review, and penetration testing. The contract achieved an excellent security score of 98/100 with low risk classification. All critical security requirements have been successfully validated and verified.

Security Score



Excellent Rating

Risk Assessment

Low

0 Vulnerabilities Found

### Audit Methodology

- ' Automated Security Scanning (Slither, MythX, Echidna)
- ' Manual Code Review by Senior Security Engineers
- ' Business Logic Verification & Edge Case Testing

### Technical Analysis

Gas Optimization:	Excellent	Test Coverage:	98%
Backing Ratio:	100%	Reserve Type:	Multi-chain Reserve

### Security Checks Performed

- ' Reentrancy Protection
- ' Denial of Service (DoS)
- ' Integer Overflow/Underflow
- ' Logic Errors & Edge Cases
- ' Access Control Validation
- ' External Call Safety
- ' Front-Running Prevention
- ' Timestamp Dependency

### Findings Summary

Critical:	0	High:	0	Medium:	0	Low:	0
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### Blockchain Verification

Scan the QR code or visit the blockchain explorer to verify this audit certificate and view real-time contract data.

<https://polygonscan.com/address/0xFfF13F7Df6db0811A45b162D5CA742f970888eE0>

AUDIT CERTIFIED - PRODUCTION APPROVED

This smart contract meets all industry security standards