

Automated Test Report

Contract behavior, coverage measurements and release configuration

NETWORK	REVIEW DATE	STATUS
BNB Smart Chain - 56	14 September 2026 UTC	9 / 9 PASSED

Important scope notice

This document provides technical transparency. It is an internal engineering review, not an independent security audit, a guarantee of safety, legal approval or investment assurance.

Release baseline: b61217f

Solidity: 0.8.24 with optimizer, 200 runs

Token: 0xeaa12b3be7cdec7749b972ed5c342f4e933ccbb3

1. Result

Metric	Result
Automated tests	9 passed, 0 failed
Statement coverage	96.43%
Function coverage	90.00%
Line coverage	95.24%
Branch coverage	47.12%
Solidity compiler	0.8.24
OpenZeppelin Contracts	5.4.0

2. Verified behavior

- Exactly 1,000,000,000 ARXAI is minted once.
- A 100-payment-token purchase at 0.01 returns 10,000 ARXAI immediately.
- Payment goes directly to the configured treasury.
- Purchases before the round, below 100 and above the cumulative 30,000 wallet cap revert.
- The configured admin can pause a round.
- Finalization cannot occur early and burns the unsold round allocation.
- Team tokens release only against twenty configured calendar timestamps.
- The 575M reserve releases in twenty fixed 28.75M tranches.
- Unauthorized reserve and liquidity releases revert.
- LP tokens remain unavailable until the configured unlock timestamp.
- Team vesting starts on 22 May 2027 and releases 2.5M ARXAI monthly for twenty tranches.
- All six production deployments returned Sourcify exact matches for creation and runtime bytecode.

3. Release configuration

Admin and treasury: 0xDE3DbDa5eB157bFc9a56C426C2006c0Cd4958a9e

BSC USDT: 0x55d398326f99059fF775485246999027B3197955

Sale timestamps and payment parameters are immutable in the deployed presale contracts.

4. Scope warning

Coverage measures executed paths; they do not prove that a contract is vulnerability-free. This report is not an independent security audit. Results apply only to the reviewed source, dependency lockfile and stated deployment baseline.