



**GLI**<sup>®</sup>

**GLI UK Gaming Ltd**  
Llys Helyg  
Parc Menai  
Bangor LL57 4EZ  
United Kingdom

Tel: +44 (0)1248 660550  
www.gaminglabs.com



4403

This report and any accompanying documents are provided "as is" with no warranties. All systems may contain defects and nothing in this document is intended to represent or warrant that any items assessed are complete and free from errors. The operator remains solely responsible for the design, functionality and provision of their product(s) and service(s), including any liability arising from legal infringement, technical non-compliance or product warranty. This document remains the property of GLI UK Gaming Ltd and, apart from supply to the intended regulator, is not to be copied, shared or distributed in any way without the express consent of GLI UK Gaming Ltd.

#### Worldwide Locations

**World Headquarters**  
Lakewood, New Jersey

**International Offices**  
GLI Africa  
GLI Asia  
GLI Australia Pty Ltd  
GLI Austria GmbH  
GLI Europe BV  
GLI UK  
GLI Italy  
GLI South America

**North American Offices**  
Colorado  
Nevada  
British Columbia

**Report Type:** TESTING REPORT

**Issued by:** GLI UK Gaming Ltd  
Llys Helyg, Parc Menai, Bangor LL57 4EZ, United Kingdom

**Evaluated by:** GLI UK Gaming Ltd  
Llys Helyg, Parc Menai, Bangor LL57 4EZ, United Kingdom

**Recipient:** NG Entertainment Ltd  
97 Windsor Street, Sliema, Malta

**Jurisdiction:** United Kingdom

**Regulatory Documents:** UK\_TGA  
The Gambling Act 2005 (April 2005)  
UK\_RTS  
Remote gambling and software technical standards (June 2017)  
UK\_TSC  
Testing strategy for compliance with remote gambling and software technical standards (November 2018)

**Supplier:** NG Entertainment Ltd  
97 Windsor Street, Sliema, Malta

**Submitting Party:** NG Entertainment Ltd  
97 Windsor Street, Sliema, Malta

**Product Tested:** Eight online games

**Evaluation Period:** 01 May 2019 - 30 August 2019

**Reference:** 413/19/002/UK/RTS/01

**Result:** No issues are raised.

**Authorised by:**

Dr. Richard Edwards  
Director

---

# Table of Contents

|                                  |           |
|----------------------------------|-----------|
| <b>Caveats</b> .....             | <b>3</b>  |
| <b>Test Item Details</b> .....   | <b>4</b>  |
| Critical Components.....         | 4         |
| Database Configuration.....      | 6         |
| <b>Summary</b> .....             | <b>7</b>  |
| <b>Test Implementation</b> ..... | <b>8</b>  |
| <b>Test Environment</b> .....    | <b>10</b> |
| Desktop PCs.....                 | 10        |
| Apple iOS Devices.....           | 10        |
| <b>Returns Analysis</b> .....    | <b>12</b> |
| Age of Da Vinci.....             | 12        |
| Candy Burst.....                 | 13        |
| Infinity Battle.....             | 14        |
| Leprechaun's Loot.....           | 15        |
| Master of Fortune.....           | 16        |
| Theoretical Analysis.....        | 16        |
| Treasures of Egypt.....          | 17        |
| Warriors Quest.....              | 18        |
| Wrath of the Dragons.....        | 19        |
| <b>Assessment</b> .....          | <b>20</b> |

---

## Caveats

The results presented in this document are a summary of the testing work undertaken. This report is subject to a number of caveats, including:

- All items provided for inspection and/or testing are declared by the customer to be configured identically to those in commercial use, with the exception of operator-configurable aspects that will not have a bearing on game fairness or player returns.
- Decisions taken by the supplied software in automatic test modes/simulators are reasonable emulations of those that would be expected to be taken by real players.

All efforts have been taken to ensure that the testing undertaken was as exhaustive as necessary to demonstrate compliance or non-compliance. GLI UK Gaming Ltd (GLI UK) takes on trust that all test items (including all hardware and software), all documentation and all communications are accurate, truthful and that there is no intention to deceive or subvert the assessment of compliance.

# Test Item Details

## Critical Components

### Age of Da Vinci

| File name                   | SHA-1 checksum                           |
|-----------------------------|--|
| ageofdavinci_bonus_game.php | 90686a445abbd14a9eaad97885d4d9a46d560bd7 |
| bonus_factory.php           | d0df5e2060571857696f874d53710f43ee544a30 |
| casino.lib.php              | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| game.php                    | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php                | 73c9b4203880356c54bfebb693684da03feab37b |
| line_wins_handler.inc.php   | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php                | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |
| pick_bonus.inc.php          | 8491b7d797a2e2774bfb51b9f092e200e89ffdbf |
| rng.lib.php                 | 850d4c84879e52c8a3f4752488a3634869052196 |
| round.php                   | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spin_handler.php            | 652987a6513dce400cd4a00075d37e59584eba66 |

### Candy Burst

| File name                 | SHA-1 checksum                           |
|---------------------------|--|
| bonus_factory.php         | d0df5e2060571857696f874d53710f43ee544a30 |
| candyburst_bonus_game.php | 2c6ff27aa777ecd630f6071994de0f60387cb90c |
| casino.lib.php            | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| cluster.php               | faf84091554db2e71f1b1d74907b66bd8c050670 |
| game.php                  | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php              | 73c9b4203880356c54bfebb693684da03feab37b |
| line_wins_handler.inc.php | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php              | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |
| rng.lib.php               | 850d4c84879e52c8a3f4752488a3634869052196 |
| round.php                 | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spin_handler.php          | 652987a6513dce400cd4a00075d37e59584eba66 |

### Infinity Battle

| File name                    | SHA-1 checksum                           |
|------------------------------|--|
| bonus_factory.php            | d0df5e2060571857696f874d53710f43ee544a30 |
| bonus_picks.inc.php          | 355fcdb7366098c101a0f30431096b33d1c6b593 |
| casino.lib.php               | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| game.php                     | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php                 | 73c9b4203880356c54bfebb693684da03feab37b |
| line_win_factory.inc.php     | d5389dd2bd1e83ce5257a3cc6c33d01648fe4a37 |
| line_wins_handler.inc.php    | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php                 | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |
| post_linewin_handler.inc.php | 6b61c6df11f3f1de636fa14dca6067b4c2367ac8 |
| post_matrix_prizes.inc.php   | eee8bd89633e7266b714c97b1992288a7669bfc4 |
| rng.lib.php                  | 850d4c84879e52c8a3f4752488a3634869052196 |
| round.php                    | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spin_handler.php             | 652987a6513dce400cd4a00075d37e59584eba66 |

### Leprechaun's Loot

| File name                 | SHA-1 checksum                           |
|---------------------------|--|
| bonus_factory.php         | d0df5e2060571857696f874d53710f43ee544a30 |
| casino.lib.php            | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| game.php                  | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php              | 73c9b4203880356c54bfebb693684da03feab37b |
| line_wins_handler.inc.php | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php              | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |
| rng.lib.php               | 850d4c84879e52c8a3f4752488a3634869052196 |
| road_bonus.inc.php        | 708bdb54ab6fecf79add825bfda1aef8608f3001 |
| road_bonus_game.inc.php   | d092c6d97a9ef5be6dcefbb35f2c574c5967991f |
| round.php                 | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spin_handler.php          | 652987a6513dce400cd4a00075d37e59584eba66 |
| well_bonus.inc.php        | acc6e4604a612fc46cd6f500ccaa4ef7424d2bdb |

### Master of Fortune

| File name                 | SHA-1 checksum                           |
|---------------------------|--|
| bonus_factory.php         | d0df5e2060571857696f874d53710f43ee544a30 |
| casino.lib.php            | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| game.php                  | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php              | 73c9b4203880356c54bfebb693684da03feab37b |
| line_wins_handler.inc.php | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php              | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |
| rng.lib.php               | 850d4c84879e52c8a3f4752488a3634869052196 |
| round.php                 | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spin_handler.php          | 652987a6513dce400cd4a00075d37e59584eba66 |

### Treasures of Egypt

| File name                 | SHA-1 checksum                           |
|---------------------------|--|
| bonus_factory.php         | d0df5e2060571857696f874d53710f43ee544a30 |
| casino.lib.php            | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| game.php                  | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php              | 73c9b4203880356c54bfebb693684da03feab37b |
| line_wins_handler.inc.php | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php              | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |
| rng.lib.php               | 850d4c84879e52c8a3f4752488a3634869052196 |
| round.php                 | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spin_handler.php          | 652987a6513dce400cd4a00075d37e59584eba66 |

### Warriors Quest

| File name                 | SHA-1 checksum                           |
|---------------------------|--|
| bonus_factory.php         | d0df5e2060571857696f874d53710f43ee544a30 |
| casino.lib.php            | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| game.php                  | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php              | 73c9b4203880356c54bfebb693684da03feab37b |
| line_wins_handler.inc.php | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php              | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |

| File name                    | SHA-1 checksum                           |
|------------------------------|--|
| rng.lib.php                  | 850d4c84879e52c8a3f4752488a3634869052196 |
| round.php                    | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spin_handler.php             | 652987a6513dce400cd4a00075d37e59584eba66 |
| warriorsquest_bonus_game.php | 5af1456b96e9c574fd3ec388af270ef3f93616bf |

### Wrath of the Dragons

| File name                 | SHA-1 checksum                           |
|---------------------------|--|
| bonus_factory.php         | d0df5e2060571857696f874d53710f43ee544a30 |
| casino.lib.php            | b043dc587a0eb02f05a4e191a5f638f0e6414457 |
| game.php                  | 3b9dcf82e729365d81c694398a39dbac72ea8a9f |
| handlers.php              | 73c9b4203880356c54bfebb693684da03feab37b |
| line_wins_handler.inc.php | b6f81f6b8be3662412f1a75a5fd5826633288e01 |
| paylines.php              | 3a6a559faf978c0aa68d8b3d3ee1aafc5c74e9a0 |
| rng.lib.php               | 850d4c84879e52c8a3f4752488a3634869052196 |
| round.php                 | 94cdaa6e85c307ee6a205629967e23ec787ee035 |
| spawning_wilds.inc.php    | 492e417dd498760276999327c27cabd4687680a8 |
| spin_handler.php          | 652987a6513dce400cd4a00075d37e59584eba66 |
| walking_wilds.inc.php     | a26f37b4c03c9f8287f42c3e01fde9b39618f2f7 |

### Database Configuration

| File name                       | SHA-1 checksum                           |
|---------------------------------|--|
| WarriorsQuest_30072019.sql      | d2da8add342c7caef7e2986cd2448bfc90a729df |
| all_dbs.sql                     | d075129495c504d89f547105de21573597376486 |
| candy_config_02072019.sql       | e3f8ebfbc5d7f17aa23fb9fcf792357c95781aff |
| db_schema_05072019.sql          | 569f940a98b344647e4a43c6dbd9e03c7821eddf |
| game_net.slot_games.sql         | e15e0303e0b1000b0b478b0f98dcb8e1be32e0dc |
| infinity_battle_game_config.sql | bc19d9f47f5f04bf5a00e046ff6827d5d5e0075e |

## Summary

This report covers an assessment of eight online reels games tested via the desktop and mobile channels (deployed using HTML5). Optional autoplay facilities are provided.

The games publish the following RTPs:

| Game                        | Published RTP% |
|-----------------------------|----------------|
| <i>Age of Da Vinci</i>      | 96.51%         |
| <i>Candy Burst</i>          | 95.54%         |
| <i>Infinity Battle</i>      | 95.43%         |
| <i>Leprechaun's loot</i>    | 96.12%         |
| <i>Master of Fortune</i>    | 95.82%         |
| <i>Treasures of Egypt</i>   | 95.50%         |
| <i>Warriors Quest</i>       | 95.87%         |
| <i>Wrath of the Dragons</i> | 96.12%         |

The assessment methods included verification of player returns (by statistical analysis of data generated by the supplied simulator), validation of the mathematical specification (where possible), source code review, emulation/witness of selected winning outcomes and visual inspection/manual play of the games as deployed on the company's testing site.

Testing was performed on the following baseline:

- Platform supplier: NG Entertainment Ltd
- Platform version: V1
- Game version: V1

This was a game-only compliance test and the scope of testing did not include testing of the RNG.

The games were assessed for compliance with the third-party testing requirements of the "Remote gambling and software technical standards" (June 2017) and the scope and methodology comply with sections 2.2 and 3.2 of the "Testing strategy for compliance with remote gambling and software technical standards" (November 2018).

The published RTPs fell within 95% confidence of the average RTP determined from the simulated game outputs.

# Test Implementation

| Item                    | Description   |
|-------------------------|---|
| Client testing platform | <a href="https://vostagames.com/ng/lobby/">https://vostagames.com/ng/lobby/</a> |

| Item                     | Description          |
|--------------------------|----------------------|
| Game name                | Age of Da Vinci      |
| Client technology        | HTML5                |
| Client version           | V1                   |
| Delivery channels tested | Desktop & mobile     |
| Autoplay                 | Maximum of 100 plays |
| Published maximum win    | No                   |
| Game features            | 5 reels, 20 paylines |

| Item                     | Description           |
|--------------------------|-----------------------|
| Game name                | Candy Burst           |
| Client technology        | HTML5                 |
| Client version           | V1                    |
| Delivery channels tested | Desktop & mobile      |
| Autoplay                 | Maximum of 100 plays  |
| Published maximum win    | No                    |
| Game features            | 6 reels, cluster wins |

| Item                     | Description          |
|--------------------------|----------------------|
| Game name                | Infinity Battle      |
| Client technology        | HTML5                |
| Client version           | V1                   |
| Delivery channels tested | Desktop & mobile     |
| Autoplay                 | Maximum of 100 plays |
| Published maximum win    | No                   |
| Game features            | 5 reels, 10 paylines |

| Item                     | Description          |
|--------------------------|----------------------|
| Game name                | Leprechaun's Loot    |
| Client technology        | HTML5                |
| Client version           | V1                   |
| Delivery channels tested | Desktop & mobile     |
| Autoplay                 | Maximum of 100 plays |
| Published maximum win    | No                   |
| Game features            | 5 reels, 30 paylines |

| Item                     | Description          |
|--------------------------|----------------------|
| Game name                | Master of Fortune    |
| Client technology        | HTML5                |
| Client version           | V1                   |
| Delivery channels tested | Desktop & mobile     |
| Autoplay                 | Maximum of 100 plays |
| Published maximum win    | No                   |
| Game features            | 5 reels, 27 paylines |



| Item                     | Description          |
|--------------------------|----------------------|
| Game name                | Treasures of Egypt   |
| Client technology        | HTML5                |
| Client version           | V1                   |
| Delivery channels tested | Desktop & mobile     |
| Autoplay                 | Maximum of 100 plays |
| Published maximum win    | No                   |
| Game features            | 5 reels, 10 paylines |

| Item                     | Description          |
|--------------------------|----------------------|
| Game name                | Warriors Quest       |
| Client technology        | HTML5                |
| Client version           | V1                   |
| Delivery channels tested | Desktop & mobile     |
| Autoplay                 | Maximum of 100 plays |
| Published maximum win    | No                   |
| Game features            | 5 reels, 57 paylines |

| Item                     | Description          |
|--------------------------|----------------------|
| Game name                | Wrath of the Dragons |
| Client technology        | HTML5                |
| Client version           | V1                   |
| Delivery channels tested | Desktop & mobile     |
| Autoplay                 | Maximum of 100 plays |
| Published maximum win    | No                   |
| Game features            | 5 reels, 10 paylines |

# Test Environment

Functional testing was carried out in the following environments:

## Desktop PCs

| Item             | Description               | Version        |
|------------------|---------------------------|----------------|
| Hardware         | Dell Precision Tower 3620 |                |
| Operating system | Windows                   | 1809.17763.437 |
| Browser          | Google Chrome             | 75.0.3770.142  |

| Item             | Description               | Version        |
|------------------|---------------------------|----------------|
| Hardware         | Dell Precision Tower 3620 |                |
| Operating system | Windows                   | 1809.17763.557 |
| Browser          | Google Chrome             | 75.0.3770.100  |

| Item             | Description               | Version        |
|------------------|---------------------------|----------------|
| Hardware         | Dell Precision Tower 3620 |                |
| Operating system | Windows                   | 1809.17763.437 |
| Browser          | Google Chrome             | 75.0.3770.100  |

| Item             | Description               | Version       |
|------------------|---------------------------|---------------|
| Hardware         | Dell Precision Tower 3620 |               |
| Operating system | Windows                   | 1809          |
| Browser          | Google Chrome             | 73.0.3683.103 |

| Item             | Description               | Version        |
|------------------|---------------------------|----------------|
| Hardware         | Dell Precision Tower 3620 |                |
| Operating system | Windows                   | 1803.17134.706 |
| Browser          | Google Chrome             | 73.0.3683.103  |

| Item             | Description        | Version        |
|------------------|--------------------|----------------|
| Hardware         | Dell Optiplex 7010 |                |
| Operating system | Windows            | 6.1.7601.24443 |
| Browser          | Google Chrome      | 74.0.3729.169  |

| Item             | Description               | Version                |
|------------------|---------------------------|------------------------|
| Hardware         | Dell Precision Tower 3620 |                        |
| Operating system | Windows                   | Version 10.0.18362.239 |
| Browser          | Google Chrome             | 76.0.3809.100          |

## Apple iOS Devices

| Item             | Description | Version |
|------------------|-------------|---------|
| Hardware         | iPhone 6    |         |
| Operating system | iOS         | 12.2    |
| Browser          | Safari      | 12      |

| Item             | Description | Version    |
|------------------|-------------|------------|
| Hardware         | iPhone 7    |            |
| Operating system | iOS         | 11(15A372) |

| Item    | Description | Version |
|---------|-------------|---------|
| Browser | Safari      | 11      |

| Item             | Description | Version    |
|------------------|-------------|------------|
| Hardware         | iPhone 7    |            |
| Operating system | iOS         | 11(15A372) |
| Browser          | Safari      | 11         |

| Item             | Description | Version        |
|------------------|-------------|----------------|
| Hardware         | iPhone 5    |                |
| Operating system | iOS         | 10.3.1(14E304) |
| Browser          | Safari      | 10             |

| Item             | Description | Version         |
|------------------|-------------|-----------------|
| Hardware         | iPhone 7    |                 |
| Operating system | iOS         | 12.1.2 (16C104) |
| Browser          | Safari      | 12              |

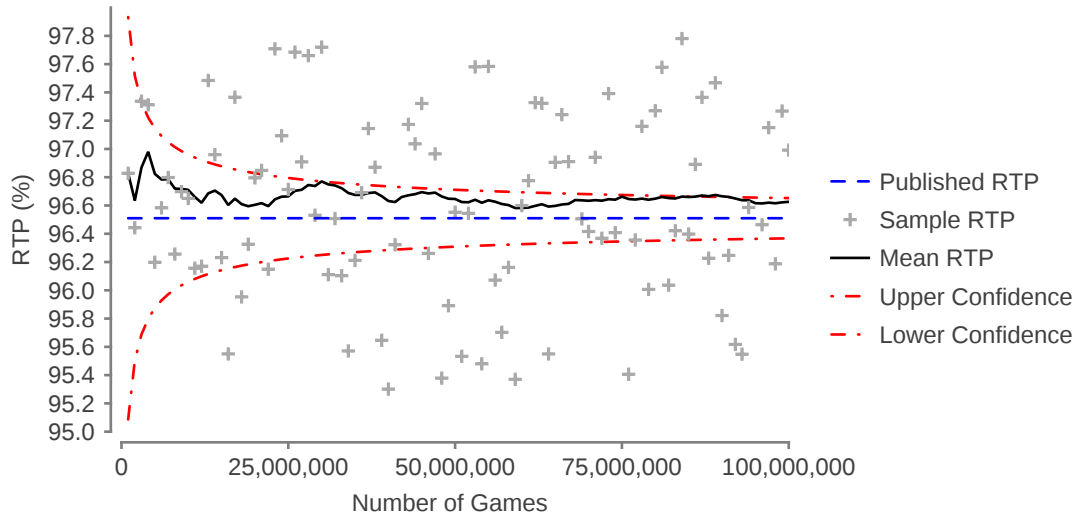
| Item             | Description | Version    |
|------------------|-------------|------------|
| Hardware         | iPhone 7    |            |
| Operating system | iOS         | 11(15A372) |
| Browser          | Safari      | 11         |

| Item             | Description | Version       |
|------------------|-------------|---------------|
| Hardware         | iPhone 7    |               |
| Operating system | iOS         | 12.3 (16F156) |
| Browser          | Safari      | 12            |

# Returns Analysis

## Age of Da Vinci

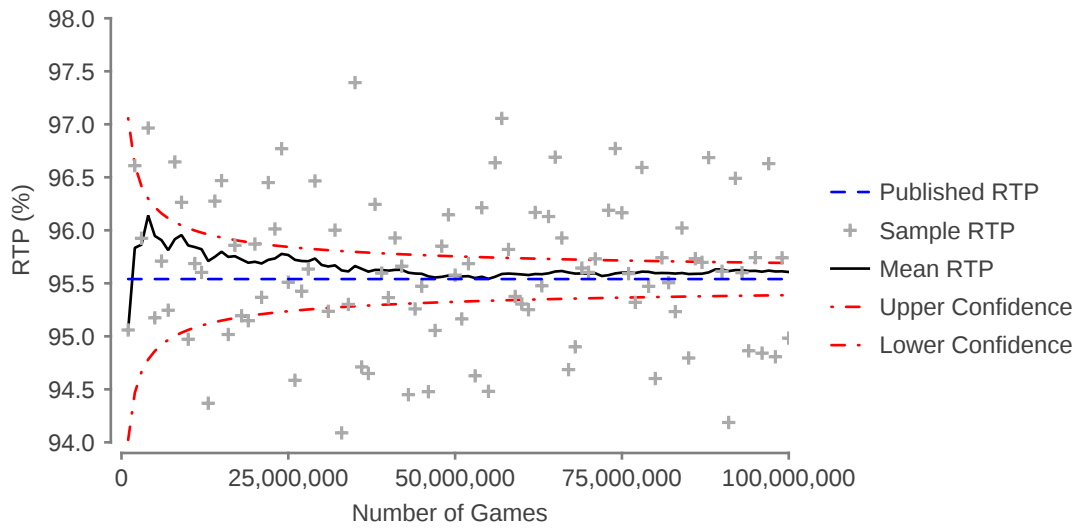
Published RTP 96.51%. Mean RTP 96.63%.



| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 96.51%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 96.63%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.14%        | Standard deviation (sample RTPs) | 0.73%       |
| Confidence bounds (lower, upper) | 96.37%, 96.65% | Volatility index                 | 14.23       |

## Candy Burst

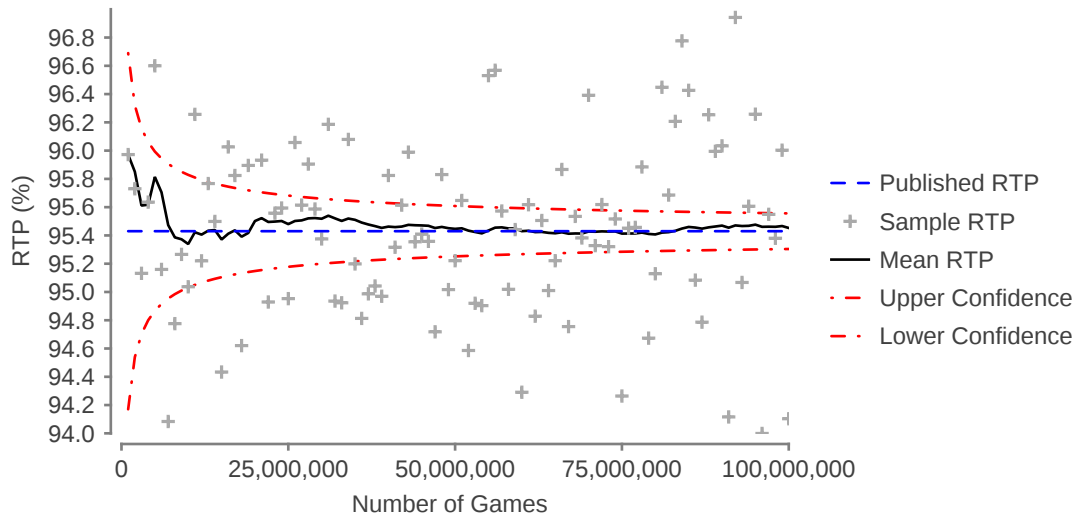
Published RTP 95.54%. Mean RTP 95.61%.



| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 95.54%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 95.61%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.15%        | Standard deviation (sample RTPs) | 0.77%       |
| Confidence bounds (lower, upper) | 95.39%, 95.69% | Volatility index                 | 15.17       |

## Infinity Battle

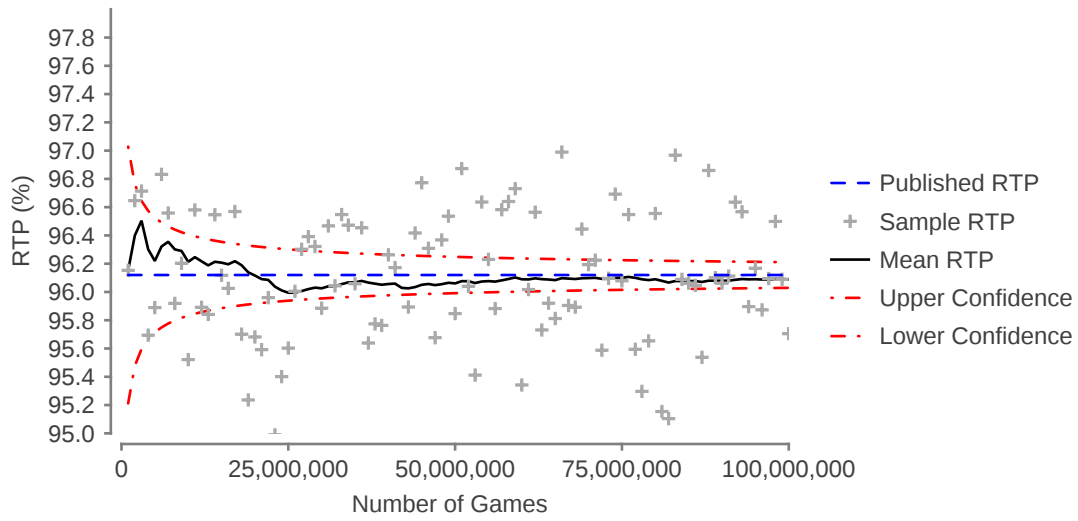
Published RTP 95.43%. Mean RTP 95.45%.



| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 95.43%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 95.45%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.13%        | Standard deviation (sample RTPs) | 0.64%       |
| Confidence bounds (lower, upper) | 95.30%, 95.56% | Volatility index                 | 12.60       |

## Leprechaun's Loot

Published RTP 96.12%. Mean RTP 96.09%.

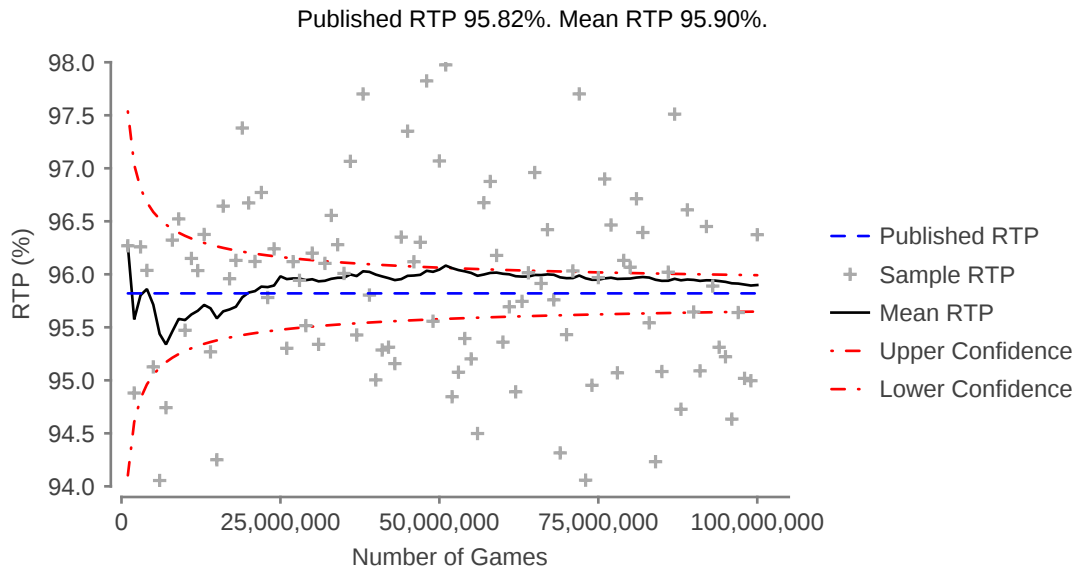


| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 96.12%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 96.09%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.09%        | Standard deviation (sample RTPs) | 0.46%       |
| Confidence bounds (lower, upper) | 96.03%, 96.21% | Volatility index                 | 9.08        |

### Theoretical Analysis

The theoretical return for this game was verified using the configuration coded into the game software.

## Master of Fortune



| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 95.82%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 95.90%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.17%        | Standard deviation (sample RTPs) | 0.88%       |
| Confidence bounds (lower, upper) | 95.65%, 95.99% | Volatility index                 | 17.17       |

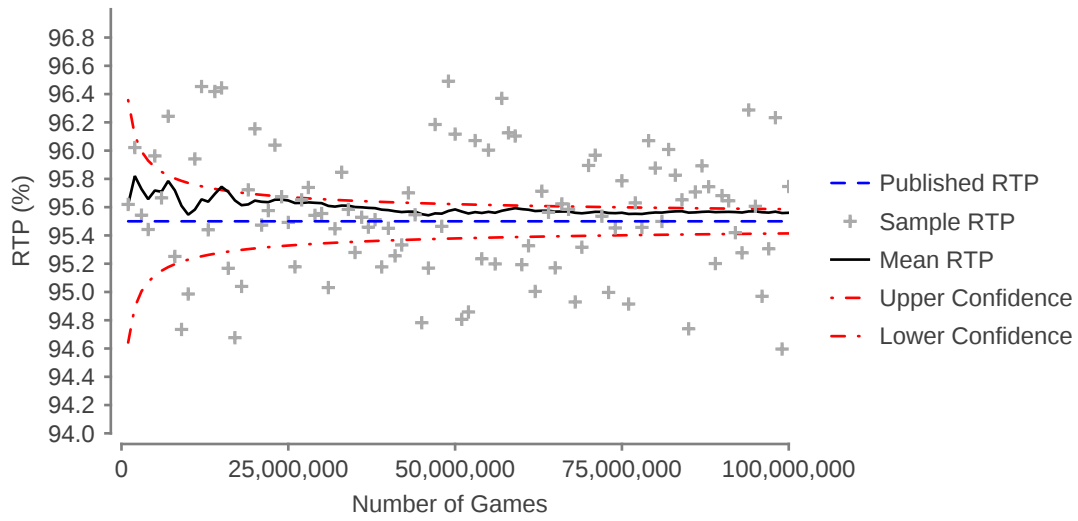
### Theoretical Analysis

The theoretical return for this game was verified using the configuration coded into the game software.



## Treasures of Egypt

Published RTP 95.50%. Mean RTP 95.56%.

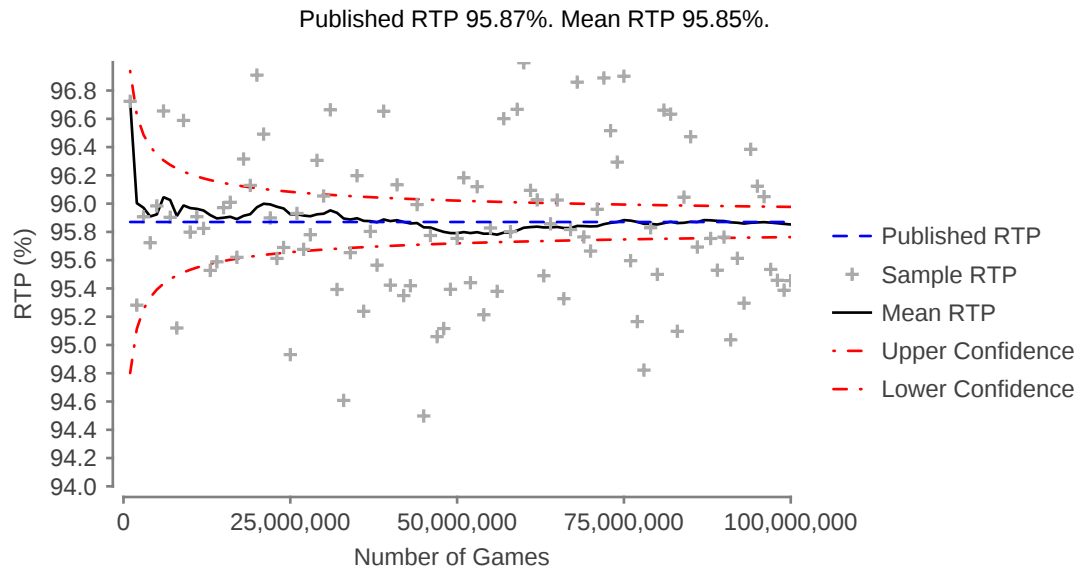


| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 95.50%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 95.56%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.09%        | Standard deviation (sample RTPs) | 0.44%       |
| Confidence bounds (lower, upper) | 95.41%, 95.59% | Volatility index                 | 8.57        |

### Theoretical Analysis

The theoretical return for this game was verified using the configuration coded into the game software.

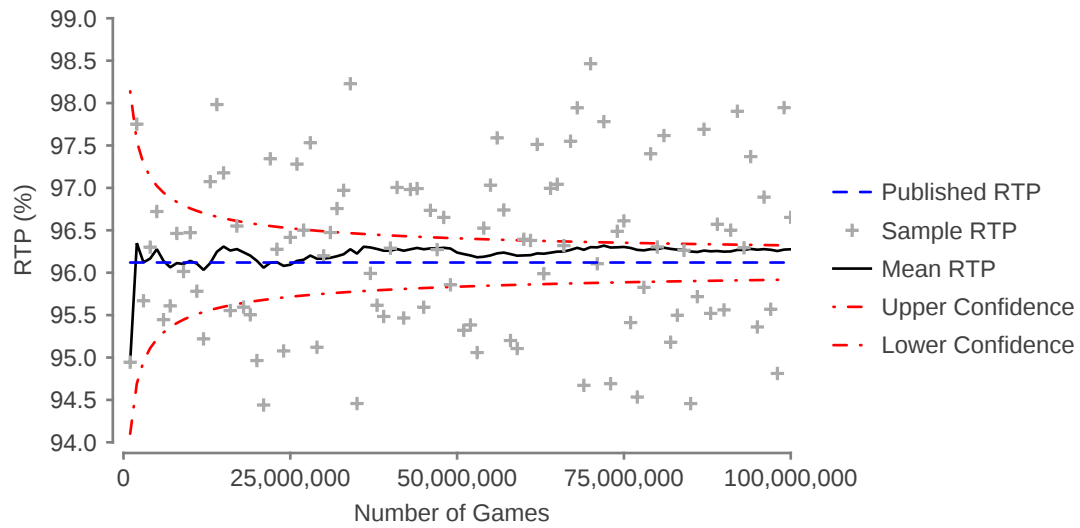
## Warriors Quest



| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 95.87%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 95.85%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.11%        | Standard deviation (sample RTPs) | 0.55%       |
| Confidence bounds (lower, upper) | 95.76%, 95.98% | Volatility index                 | 10.69       |

## Wrath of the Dragons

Published RTP 96.12%. Mean RTP 96.28%.



| Measure                          | Data           | Measure                          | Data        |
|----------------------------------|----------------|----------------------------------|-------------|
| Published RTP                    | 96.12%         | Total number of games            | 100,000,000 |
| Mean RTP                         | 96.28%         | Number of games per sample RTP   | 1,000,000   |
| 95% confidence interval          | ± 0.20%        | Standard deviation (sample RTPs) | 1.03%       |
| Confidence bounds (lower, upper) | 95.92%, 96.32% | Volatility index                 | 20.19       |

# Assessment

| Section |  | Subsection | Compliant         | Observation | Potential Issue | Not Applicable    |                   |
|---------|--|------------|-------------------|-------------|-----------------|-------------------|-------------------|
| UK_RTS  | RTS - 1 Customer account information                           | 1A         |                   |             |                 | ✓ <sup>[01]</sup> |                   |
|         |  | 1B:1       |                   |             |                 | ✓ <sup>[01]</sup> |                   |
|         |  | 1B:2       |                   |             |                 | ✓ <sup>[01]</sup> |                   |
|         |  | 1B:3       |                   |             |                 | ✓ <sup>[01]</sup> |                   |
|         |  | 1C         |                   |             |                 | ✓ <sup>[01]</sup> |                   |
| UK_RTS  | RTS - 2 Displaying transactions                                | 2A         | ✓                 |             |                 |                   |                   |
|         |  | 2B         | ✓                 |             |                 |                   |                   |
|         |  | 2C         |                   |             |                 |                   | ✓                 |
|         |  | 2D         |                   |             |                 |                   | ✓ <sup>[01]</sup> |
| UK_RTS  | RTS - 3 Rules, game descriptions and the likelihood of winning | 3A:1       | ✓                 |             |                 |                   |                   |
|         |  | 3A:2       | ✓                 |             |                 |                   |                   |
|         |  | 3A:3       | ✓                 |             |                 |                   |                   |
|         |  | 3B         | ✓                 |             |                 |                   |                   |
|         |  | 3C:1       | ✓                 |             |                 |                   |                   |
|         |  | 3C:2.i     | ✓                 |             |                 |                   |                   |
|         |  | 3C:2.ii    |                   |             |                 |                   | ✓                 |
|         |  | 3C:2.iii   | ✓                 |             |                 |                   |                   |
|         |  | 3C:2.iv    | ✓                 |             |                 |                   |                   |
|         |  | 3D         | ✓                 |             |                 |                   |                   |
| UK_RTS  | RTS 4 – Time-critical events                                   | 4A         |                   |             |                 | ✓ <sup>[01]</sup> |                   |
|         |  | 4B         |                   |             |                 | ✓                 |                   |
| UK_RTS  | RTS 5 – Result determination                                   | 5A:1       | ✓ <sup>[02]</sup> |             |                 |                   |                   |
|         |  | 5A:2       | ✓                 |             |                 |                   |                   |
| UK_RTS  | RTS 6 – Result determination for play-for-free games           | 6A         |                   |             |                 | ✓ <sup>[01]</sup> |                   |
| UK_RTS  | RTS 7 – Generation of random outcomes                          | 7A:1       | ✓ <sup>[03]</sup> |             |                 |                   |                   |
|         |  | 7A:2       | ✓                 |             |                 |                   |                   |
|         |  | 7A:3       |                   |             |                 |                   | ✓                 |
|         |  | 7B         | ✓                 |             |                 |                   |                   |
|         |  | 7C         | ✓                 |             |                 |                   |                   |
|         |  | 7D         | ✓                 |             |                 |                   |                   |
|         |  | 7E         | ✓                 |             |                 |                   |                   |

| Section |   | Subsection | Compliant | Observation | Potential Issue | Not Applicable    |
|---------|---|------------|-----------|-------------|-----------------|-------------------|
| UK_RTS  | RTS 8 – Auto-play functionality               | 8A:1.a.i   | ✓         |             |                 |                   |
|         |   | 8A:1.a.ii  | ✓         |             |                 |                   |
|         |   | 8A:1.a.iii |           |             |                 | ✓                 |
|         |   | 8A:1.b     | ✓         |             |                 |                   |
|         |   | 8A:2       | ✓         |             |                 |                   |
|         |   | 8B         |           |             |                 | ✓                 |
| UK_RTS  | RTS 9 –Progressive jackpot systems            | 9A         |           |             |                 | ✓                 |
|         |   | 9A:G.a:1   |           |             |                 | ✓                 |
|         |   | 9A:G.a:2   |           |             |                 | ✓                 |
|         |   | 9A:G.a:3   |           |             |                 | ✓                 |
|         |   | 9A:G.b     |           |             |                 | ✓                 |
|         |   | 9A:G.c     |           |             |                 | ✓                 |
|         |   | 9A:G.d     |           |             |                 | ✓                 |
|         |   | 9B:G.a     |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 9B:G.b     |           |             |                 | ✓                 |
|         |   | 9B:G.c     |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 9B:G.d     |           |             |                 | ✓                 |
| UK_RTS  | RTS 10 – Interrupted gambling                 | 10A        |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 10B        | ✓         |             |                 |                   |
|         |   | 10C        |           |             |                 | ✓ <sup>[01]</sup> |
| UK_RTS  | RTS 11 – Limiting collusion/ cheating         | 11A:1      |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 11A:2      |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 11A:3      |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 11B        |           |             |                 | ✓ <sup>[01]</sup> |
| UK_RTS  | RTS 12 – Financial limits                     | 12A:1      |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 12A:2      |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 12B        |           |             |                 | ✓ <sup>[01]</sup> |
| UK_RTS  | RTS 13 – Time requirements and reality checks | 13A        |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 13B:1      |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 13B:2      |           |             |                 | ✓ <sup>[01]</sup> |
| UK_RTS  | RTS 14 – Responsible product design           | 14A        | ✓         |             |                 |                   |
| UK_RTS  | RTS 15 – In-play betting                      | 15A:1      |           |             |                 | ✓                 |
|         |   | 15A:2      |           |             |                 | ✓                 |
| UK_RTS  | RTS 16 – Use of third party software          | 16A        |           |             |                 | ✓                 |
|         |   | 16B        |           |             |                 | ✓ <sup>[01]</sup> |
|         |   | 16C        |           |             |                 | ✓                 |
| UK_RTS  | RTS 17 – Live dealer studios                  | 17A        |           |             |                 | ✓ <sup>[01]</sup> |

[01] Out of scope.

- 
- [02] All wagers are accepted in accordance with the game rules, although the operator's terms and conditions were not assessed.  
[03] Code review and empirical testing has confirmed that game results are acceptably random. Evaluation of the RNG was not included in the scope of this assessment.

## END OF REPORT