

Standard Report for testing standards for online casino

Information about the licence holder

| | |
|-------------------|--|
| Name | AlchemyBet Ltd |
| Address | Two Valentine Place, London |
| Zip code and city | SE1 8QH, United Kingdom |
| Contact person | Peter Russell |
| E-mail address | peter.russell@gamingrealms.com |
| Phone number | N/A |

Testing date

| | | |
|---------------|---------------|------------------------------|
| Previous test | Current test: | Expected date for next test: |
| 24/03/2023 | 27/03/2023 | 27/03/2024 |

Information about the testing organisation

| | |
|-----------------------|---|
| Name | eCOGRA Limited |
| Address | 2/F Berkeley House, Berkeley Square |
| Zip code and city | London, W1J 6BD, United Kingdom |
| Contact person | Douwe Bijkersma |
| E-mail address | info@ecogra.org |
| Phone number | +44 20 7887 1480 |
| Link to accreditation | eCOGRA is a UKAS accredited testing laboratory, certification body and inspection body No. 4656. Accredited activities are described on UKAS schedules of accreditation accessible from https://ecogra.org/about-us/accreditations |

Alternatively, documentation for a valid accreditation can be provided as an appendix to the standard report.

Game Name / Game ID

| | |
|--|-------------------------|
| Games under scope of certification, please check the Appendix to the report for additional product details. | Slingo Pirates Treasure |
|--|-------------------------|

Employees shall ensure, that testing, and inspection is done to professional standards and attest the standard report. More employees, who in conjunction meet the requirements, can supervise the work, and attest the report together. Fill in the section below with information on supervisor(s), who fulfil the requirements mentioned in section 2.2.3 in the certification programme.

Supervisor 1:

Name:

Douwe Bijkersma

| Education | Period |
|---------------------------------------|--------|
| BSc. Information Technology | 2001 |
| Other relevant qualifications | Period |
| Certified Information Systems Auditor | 2010 |
| ISO 27001 Lead Auditor | 2016 |

| Supervisors experience | Tick |
|--|------|
| 5 years' experience with testing gambling systems. | ✓ |
| Supervisors certification | Tick |
| ISC2 CISSP | |
| ISACA CISA | ✓ |

Supervisor 2:

Name:

Tyrone Rajah

| Education | Period |
|---|--------|
| BSc Applied Mathematics and Statistics | 2014 |
| Other relevant qualifications | Period |
| 2+ years' experience as a Data Analyst Team Lead at eCOGRA for testing Random Number Generators and online gambling systems | 2020 |

| Supervisors experience | Tick |
|--|------|
| 5 years' experience with testing gambling systems. | |
| Supervisors certification | Tick |
| ISC2 CISSP | |
| ISACA CISA | |

If there are more than two supervisors, additional information shall be provided in the appendix to the standard report.

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Unique report number/internal reference number:

e233507GRLDNKM

3 Requirements for the testing of gambling functionality

It shall be recorded whether a requirement has passed testing or not. If the test of the requirement is not passed it must be recorded below and **the appendix must be used**. Here the reason for the failed test must be described and when the failure was or is expected to be remedied. It is important that all failed tests are recorded, even if the failure has been remedied before the submission of the standard report. A description of the requirements can be found in the *Testing Standards for Online Casino*.

3.1 RNG requirements

3.1.1 Random Number Generator suitability for generating results and other functionalities

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|---|------|---------------|----------------------|----|-----|
| If these answers are used, submit the details in the appendix | | | | | |
| 3.1.1.1 | ✓ | | | | |
| 3.1.1.2 | ✓ | | | | |
| 3.1.1.3 | ✓ | | | | |
| 3.1.1.4 | ✓ | | | | |

3.1.2 Use of RNG-output

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|---|------|---------------|----------------------|----|-----|
| If these answers are used, submit the details in the appendix | | | | | |
| 3.1.2.1 | ✓ | | | | |
| 3.1.2.2 | ✓ | | | | |
| 3.1.2.3 | ✓ | | | | |
| 3.1.2.4 | ✓ | | | | |

3.1.3 Error control procedures

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|---|------|---------------|----------------------|----|-----|
| If these answers are used, submit the details in the appendix | | | | | |
| 3.1.3.1 | ✓ | | | | |

3.1.4 Seeding

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|---|------|---------------|----------------------|----|-----|
| If these answers are used, submit the details in the appendix | | | | | |
| 3.1.4.1 | ✓ | | | | |

3.1.5 Security

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|---|------|---------------|----------------------|----|-----|
| If these answers are used, submit the details in the appendix | | | | | |
| 3.1.5.1 | ✓ | | | | |
| 3.1.5.2 | ✓ | | | | |

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3.2 Gambling functionality

3.2.1 General

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|--------------|------|---------------|----------------------|----|-----|
| | | | | | |
| 3.2.1.1 | ✓ | | | | |
| 3.2.1.2 | ✓ | | | | |
| 3.2.1.3 | | | | | ✓ |

3.2.2 Games without stakes

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|--------------|------|---------------|----------------------|----|-----|
| | | | | | |
| 3.2.2.1 | | | | | ✓ |

3.2.3 Accurate representation of chance

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|--------------|------|---------------|----------------------|----|-----|
| | | | | | |
| 3.2.3.1 | ✓ | | | | |
| 3.2.3.2 | ✓ | | | | |
| 3.2.3.3 | ✓ | | | | |
| 3.2.3.4 | | | | | ✓ |

3.2.4 Return to player

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|--------------|------|---------------|----------------------|----|-----|
| | | | | | |
| 3.2.4.1 | ✓ | | | | |
| 3.2.4.2 | ✓ | | | | |

3.3 Jackpots

3.3.1 General

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|--------------|------|---------------|----------------------|----|-----|
| | | | | | |
| 3.3.1.1 | | | | | ✓ |
| 3.3.1.2 | | | | | ✓ |
| 3.3.1.3 | | | | | ✓ |
| 3.3.1.4 | | | | | ✓ |
| 3.3.1.5 | | | | | ✓ |

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3.4 Live casino

3.4.1 Gambling equipment

| Requirements | Pass | Pass remedied | Pass risk assessment | No | N/A |
|---|------|---------------|----------------------|----|-----|
| If these answers are used, submit the details in the appendix | | | | | |
| 3.4.1.1 | | | | | ✓ |
| 3.4.1.2 | | | | | ✓ |
| 3.4.1.3 | | | | | ✓ |
| 3.4.1.4 | | | | | ✓ |
| 3.4.1.5 | | | | | ✓ |
| 3.4.1.6 | | | | | ✓ |
| 3.4.1.7 | | | | | ✓ |
| 3.4.1.8 | | | | | ✓ |
| 3.4.1.9 | | | | | ✓ |
| 3.4.1.10 | | | | | ✓ |
| 3.4.1.11 | | | | | ✓ |

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**Further
Information**

Other information relevant for the Danish Gambling Authority shall be stated in the appendix.

Declaration and signature

By my signature below I declare that the information supplied in this report is correct. I acknowledge that missing information or deliberate misinformation can lead to the report being rejected. Any changes in the supplied information shall be forwarded to the Danish Gambling Authority without delay.

Date

Name

Signature

27 March 2023

Pierre Jordaan
Compliance Director
eCOGRA



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Unique report number/internal
reference number:

e233507GRLDNKM

Appendix to the standard report for testing standards for online casino

Product offering of AlchemyBet Ltd

| Ref | Product name | Product platform | Supplier | Date of the most recent certification of the game | Certification reference number | Comments |
|-----|-------------------------|-------------------------|----------|---|--------------------------------|---|
| 1. | Slingo Pirates Treasure | Slingo Pirates Treasure | N/A. | 27/03/2023 | e233507GRLDNKM | eCogra confirms that this certificate supersedes previous certification with reference, e233394GRLDNKM. We can confirm that there were no changes made to the critical files. |

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¹ The information as indicated in the report has been extracted from the game documentation as provided by the client.

Details of Random Number Generator RNG Name: AlchemyBet RNG

RNG Manufacturer: AlchemyBet Ltd

RNG Critical Files:

| Ref. | File Name | File Hash |
|------|-----------------|--|
| 1. | RNG.class | 24b872ccac8d36c4d5694cc5d523e8b0e19846b3 |
| 2. | SecureRNG.class | c051b2292f000afcc6cc782d581ba6507b83817d |

Date of certification: 21 April 2021

Certification reference number: RN/563/GR1/20/02/400/DK/DGA/SCP/0103/01

Testing house: GLI

Details of game Critical files, game versions and associated hashes: ²

| Game Name | Game identification | Game Version and date | Platform(s) | Critical file name(s) / Identifier | SHA-1 Hash Sum |
|-------------------------|------------------------|-----------------------|----------------------------|-------------------------------------|---|
| Slingo Pirates Treasure | slingo-piratestreasure | 1.0.0 | HTML5 (Desktop and Mobile) | ChanceEngine.class | F13C9090CCC0FAA67602EEA89FB44EAAD4A52C1A |
| | | | | SlingoPiratesTreasureEngine.class | A5C898FBBA9B9DA6861FAFFFF2279C38E436BF236 |
| | | | | battle-piratestreasure-1-config.yml | 421E2E0F314418997D6F723D45F32A1F9B8A6367 |
| | | | | battle-piratestreasure-2-config.yml | A758CB387AAE10455261A8E06FCA149B77E64548 |
| | | | | battle-piratestreasure-3-config.yml | ED10A13EFE5F84792DA56A0ED9536AD90FBF3072 |
| | | | | battle-piratestreasure-4-config.yml | C79EB6043777E6BFBB600DA523115E9367D87168 |
| | | | | battle-piratestreasure-5-config.yml | 76378090A6EB70C77A3D4FB86E19E3C5D5D64C91 |

² The information as indicated in the report has been extracted from the game documentation as provided by the client.

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| | | | | | |
|--|--|--|--|---|--|
| | | | | battle-piratestreasure-6-config.yml | 5117EDE31518B1906E2CA626959EDF0CE8F1F79F |
| | | | | chance-piratestreasure-diamond-config.yml | DDE34FA68B50BD1F6593B5CA0B7049E3D209A4D0 |
| | | | | chance-piratestreasure-gold-config.yml | 831D849E67563BBAA7A54FC1DF396442CC2E426E |
| | | | | chance-piratestreasure-ruby-config.yml | B210BA96B44C863DD01C53DCEEFDF07678286B53 |
| | | | | slingo-piratestreasure-config.yml | BBFC70E61291EECB4499EDAAC060800A92EDDB06 |
| | | | | slingo-piratestreasure-prices.csv.gz | 1414088711EF75C5364727F2F529DB4467F796F5 |
| | | | | SlingoEngine.class | e8F4516E8A9C1656E8884E3716077E85CCA7738F |
| | | | | BattleEngine.class | 1F8B5F56B822FF67A2E5719B35D509E03295E20B |

Appendix to the standard report for testing standards for online casino

| Requirement Number | Requirement wording | Requirement status | Comments |
|--------------------|--|--------------------|---|
| 3.2.1.3 | When conducting online bingo, the gambling system shall ensure at least 3 seconds elapse between the draw and/or visual presentation of each number/symbol. | N/A | This is a slot game. |
| 3.2.2 | Games without stakes | N/A | The scope of assessment is limited to aspects directly managed by the supplier. |
| 3.2.3.4 | Games which involve the simulation of a physical object (roulette wheels, playing cards, etc.) shall provide true and fair outcomes in accordance with expectations to this physical object. | N/A | Physical objects are not simulated in the game. |
| 3.3 | Jackpots | N/A | This game does not comprise a jackpot. |
| 3.4 | Live casino | N/A | This is not a live casino game. |

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