



## Random Number Generator Certificate

This is to certify that iTech Labs has evaluated the Random Number Generator (RNG) by Bangalore Worldwide Ltd. and found that the RNG complies with the relevant standards.\*

**Software provider:** Bangalore Worldwide Ltd.

**Software provider URL:** <https://redpipegaming.com>

The RNG uses a well-known algorithm to generate random numbers. The numbers generated by this RNG have passed Marsaglia's "diehard" tests for statistical randomness.

iTech Labs has evaluated scaling for Slots, Roulette and Keno games. iTech Labs has also evaluated card shuffling for single deck (with joker and without joker), 4 decks (without joker) and 8 decks (without joker) Card games.

The scaling/shuffling tests were conducted on large enough samples to give the calculations sufficient statistical power.

iTech Labs has found that the number and card sequences are unpredictable, non-repeatable and uniformly distributed.

The certified code for the RNG has been fingerprinted.

Click here to view the [Original](#) iTech Labs Certificate.

**Signed:**

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**Kiren Sreekumar**  
**Principal Consultant**  
**iTech Labs Australia**

Date: 04 July 2019

**Signed:**

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**Geoff Nicoll**  
**Principal Consultant**  
**iTech Labs Australia**

Date: 04 July 2019

\*The RNG was tested according to Isle of Man standards

Disclaimer.

While it is not possible to test all possible scenarios in a laboratory environment, iTech Labs has conducted a level of testing appropriate for a component test of this type.