



Random Number Generator Certificate

Thunderpick eSports Limited This is to certify that iTech Labs has evaluated the Random Number Generator (RNG) by and found that the RNG complies with the relevant standards.*

Operator: MADWORLD

Operator URL: <https://madworld.me>

Software provider: Mojang AB

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 also evaluated the scaled numbers used for Roulette games.

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

iTech Labs has found that numbers are unpredictable, non-repeatable and uniformly distributed.

The certified code for the RNG has been fingerprinted.

Signed:

Kiren Sreekumar
Principal Consultant
iTech Labs Australia
Date: 11 November 2018

Signed:

Geoff Nicoll
Principal Consultant
iTech Labs Australia
Date: 11 November 2018

* The RNG was tested according to UK Gambling Commission standards- Remote gambling and software technical standards June 2017.

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.