



## Random Number Generator Certificate

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

**Operator:** MuchGaming *B.V.*

**Operator URL:** <https://crypto.games>

**Software provider:** MuchGaming *B.V.*

**Software provider URL:** <https://crypto.games>

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 shuffling for single deck (without joker) and four decks (without joker) for card games. iTech Labs has also conducted scaling tests for Slot, Roulette and Instant games (Plinko, Minesweeper and Dice).

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

iTech Labs has found that the card/number 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:**

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

Date: 17 November 2020

**Signed:**

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

Date: 17 November 2020

\* The RNG was tested according to the UK Remote Gambling and Software Technical Standards June 2017 and the Testing Strategy for Compliance with Remote Gambling and Software Technical Standards November 2018

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.