



## Random Number Generator Certificate

This is to certify that iTech Labs has evaluated the Random Number Generator (RNG) by Head Digital Works Private Limited and found that the RNG complies with the relevant standards.\*

**Operator:** Head Digital Works Private Limited  
**Operator URL:** <https://www.a23.com/certification.html>

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 card shuffling for 1 deck without joker (total 52 cards), 2 decks with 1 joker only (total 105 cards), 2 decks with one joker per deck (106 cards) , 3 decks with one joker per deck (159 cards). The card shuffling 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.

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

**Signed:**

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**Kiren Sreekumar**  
**Principal Consultant**  
**iTech Labs Australia**  
Date: 10 August 2020

**Signed:**

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**Geoff Nicoll**  
**Principal Consultant**  
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Date: 10 August 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.