Random Number Generator Certificate

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

Operator: UltraGames Entertainment Pvt. Ltd.
Operator URL: http://www.ultragames247.com
Software provider: UltraGames Entertainment Pvt. Ltd.
Software provider URL: http://www.ultragames247.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 also evaluated card shuffling for single deck (without joker), two decks (without joker), two decks with two jokers (one joker per deck), two decks with four jokers (two jokers per deck), three decks (without joker), three decks with three jokers (one joker per deck), three decks with six jokers (two jokers per deck), six decks (without joker) and eight decks (without joker) Card games.

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

iTech Labs has found that 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:

Signed:

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Kiren Sreekumar
Principal Consultant
iTech Labs Australia
Date: 26 March 2020

Geoff Nicoll
Principal Consultant
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Date: 26 March 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.