



## **Random Number Generator Certificate**

**Operator:** Haydock Sports Limited  
**Operator URL:** [www.joefortune.com](http://www.joefortune.com)

This is to certify that iTech Labs has evaluated the Random Number Generator (RNG) by Haydock Sports Limited and found that the RNG complies with the relevant standards<sup>1</sup>.

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 card shuffling without joker (single deck, 2 decks, 6 decks and 8 decks) for card games<sup>2</sup>. iTech Labs has also evaluated scaling for Slot, Roulette, Keno, Craps and Bingo games.

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

iTech Labs has found that the card and 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:**

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**Kiren Sreekumar**  
**Principal Consultant**  
**iTech Labs Australia**  
Date: 12 May 2016

**Signed:**

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**Geoff Nicoll**  
**Principal Consultant**  
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Date: 12 May 2016

<sup>1</sup> The RNG was tested according to UK Gambling Commission standards- Remote gambling and software technical standards July 2015.

<sup>2</sup> Card shuffling for the following card games is covered by this certification: BlackJack, Pontoon, Face Up 21, Perfect Pairs, Single Deck Blackjack, Double Deck Blackjack, Zappit Blackjack, Baccarat, Caribbean Draw Poker, Caribbean Stud Poker, Caribbean Holdem Poker, Let'Em Ride, Red Dog, Tri Card Poker, Three Card Rummy, War, Video Poker (all games).

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.