



Random Number Generator Certificate

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

Operator: Cristal Games N.V.

Operator URL: <https://www.cristalpoker.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 evaluated card shuffling for 32 cards, 36 cards and 52 cards decks (without joker).

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

iTech Labs has found that the 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:

Kiren Sreekumar
Principal Consultant
iTech Labs

Date: 12 July 2022

Signed:

Geoff Nicoll
Principal Consultant
iTech Labs

Date: 12 July 2022

* 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.