

#### eCOGRA LIMITED

# KANSSPELAUTORITEIT NETHERLANDS ONLINE GAMBLING SYSTEM

CONFORMITY ASSESSMENT REPORT
GAME OR GAMING TECHNOLOGY (INCLUDING RNG)

FOR

ALCHEMYBET LTD

REPORT REFERENCE NUMBER: E235585GRLNLDM

REPORT ISSUE DATE: 12 MAY 2023

CONFIDENTIAL



ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### **IMPORTANT DISCLAIMER**

This report is supplied on the basis that it is for the sole use of the parties listed and to whom it is addressed, and exclusively for the objectives set out herein.

No party, other than those specified, may rely on this report for any purpose whatsoever.

eCOGRA Limited ('eCOGRA') does not accept any liability or responsibility towards any third party to whom this report is shown or into whose hands it may fall.

This report should not be relied upon for any assurances in relation to third parties and/or activities which are not covered by the regulatory requirements or compliance standards of the jurisdiction, regulatory authority or compliance entity or system for whose purposes this report is stated to have been prepared. All such other parties and activities are outside the scope of this report and have therefore not been reviewed by eCOGRA.

The nature, timing and extent of the testing, inspection and audit procedures conducted for the purpose of this report is considered sufficient and appropriate based on the applicable regulations and professional judgement applied to the associated risk of non-compliance. This conformity assessment should not be construed to imply any warranty over the functionality, quality or performance of the subject of testing, inspection and/or certification. eCOGRA reserves the right to withdraw this report if any non-conformities are subsequently detected by or reported to eCOGRA.

#### **CONFIDENTIALITY NOTICE**

This document is proprietary to eCOGRA and contains confidential information of commercial value to eCOGRA, the disclosure of which to third parties could adversely affect the business affairs of eCOGRA.

This information is supplied in confidence to you, on the strict condition that no part of it is disclosed to any third party, in particular to any person or organisation that may be in competition with eCOGRA without the prior written approval of eCOGRA.



# $\begin{array}{c} \textbf{eCOGRA LIMITED} \\ \textbf{CONFORMITY ASSESSMENT REPORT} \end{array}$

ALCHEMYBET LTD ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### TABLE OF CONTENTS

1.	Gen	eral Informationeral Information	4
2.		ning technology Assessment Work– Qualifications and Experience	
	2.1.	Assessment Supervisors	
	2.2.	Assessors	<del>(</del>
3.	Ove	rview of Online Gaming System Components Assessed	7
	3.1.	Game or gaming technology (including RNG)	7
	3.2.	Game Overview	7
	3.3.	Percentage Return to Player ('RTP')	7
	3.4.	Game Critical Software Components	8
	3.5.	Random Number Generator	9
4.	Key	Documents Reviewed	9
5.	Asse	essment and Evaluation Methods Applied	10
	5.1.	Games and Gaming Technology	10
6	Deta	ailed Assessment Results	11



ALCHEMYBET LTD ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### 1. GENERAL INFORMATION

**REPORT ISSUE DATE:** 

CLIENT NAME:	AlchemyBet Ltd
CLIENT ADDRESS:	Two Valentine Place, London SE1 8QH, United Kingdom
CLIENT CONTACT PERSON:	Alli Archer
CLIENT E-MAIL ADDRESS:	alli@gamingrealms.com
PRODUCT NAME:	Slingo Money Train
UNIFORM RESOURCE LOCATORS: (WEBSITE ADDRESS)	Not applicable, this report relates to the assessment of a supplier to license holders.
ASSESSMENT BODY FULL NAME:	eCOGRA Limited t/a eCOGRA
ASSESSMENT BODY LEGAL FORM:	Private Company
ASSESSMENT BODY MANAGING ADDRESS:	46 Upper Mount Street, Dublin 2, D02 RX88, Ireland
ASSESSMENT BODY ACCREDITATIONS HELD:	eCOGRA are a UKAS accredited testing laboratory, certification body and inspection body No. 4656. Our accreditations are limited to those activities described on our UKAS schedules of accreditation found here <a href="https://ecogra.org/about-us/accreditations">https://ecogra.org/about-us/accreditations</a> .
Assessment body contact person:	Bradley Khoury
ASSESSMENT BODY CONTACT EMAIL:	info@ecogra.org
ASSESSMENT SCOPE:	Game or gaming technology (including RNG)
ASSESSMENT STANDARDS AND CRITERIA:	Kansspelautoriteit (Ksa) Remote Gambling – Gaming System Assessment Scheme (Version 2.0)
REPORT TYPE:	Conformity Assessment Report
REPORT REFERENCE NUMBER:	e235585GRLNLDM

12 May 2023



ALCHEMYBET LTD ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

**DATES OF ASSESSMENT:** 24 April 2023 - 12 May 2023

PLACE OF TESTING: Pre-Production Environment emulating the Live Environment,

where applicable.

Assessment result: Compliant

**ASSESSMENT BODY REPORT APPROVAL:** 

Bradley Khoury Chief Technical Officer eCOGRA



ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### 2. GAMING TECHNOLOGY ASSESSMENT WORK-QUALIFICATIONS AND EXPERIENCE

#### 2.1. ASSESSMENT SUPERVISORS

Name: Tyrone Rajah

Education/Qualification: Bachelor of Science

Date Obtained: 2014

Number of Years' Experience in 2 Years

Testing and Inspection of Online

**Gaming Systems:** 

Name: Temesgen Zewotir

Education/Qualification: PhD in Statistics

Date Obtained: 28 November 2001

Other Relevant Qualifications: MSc in Statistics, BSc in Mathematics

**Date Obtained:** 1991, 1987

Number of Years' Experience in From 2016 to date

Testing and Inspection of Online

**Gaming Systems:** 

#### 2.2. ASSESSORS

Name: Thabang Maganedisa

Position: Team Lead

Name: Sumeshan Padayachee; Collin Zondi

**Position:** Compliance Tester

Name: Stephen Coombe
Position: Data Analyst



ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### 3. OVERVIEW OF ONLINE GAMING SYSTEM COMPONENTS ASSESSED

#### 3.1. GAME OR GAMING TECHNOLOGY (INCLUDING RNG)

Please note that this is an initial certification conducted over Slingo Money Train and therefore this game certificate does not supersede any previous certifications.

#### 3.2. GAME OVERVIEW

Game Name	Game ID	Version	Platform	Game Type
Slingo Money Train	slingo-moneytrain	1.0.0	HTML5-Desktop;	Other
			HTML5-Mobile	

#### **Game Description:**

The aim of Slingo Money Train is to complete Slingos (win lines) by matching the numbers on the reel to the numbers in the grid above. Each Slingo completed awards a prize as defined by a paytable.

Players have 10 spins to complete Slingos and can then purchase up to 40 extra spins for an additional cost that is determined by the potential wins available. Prizes are awarded for reaching the 3rd rung of the prize ladder or above, either as a cash prize, a multiplier award from a Bonus Wheel or by playing the feature game.

Slingo Money Train uses a 5x5 grid, with 12 possible Slingos (lines). Like most other Slingo games, there is a reel beneath the grid.

Further details regarding the betting characteristics, features and detailed game rules can be found in the game instructions which can be provided upon request.

This certification report highlights our key findings as a result of the evaluation conducted on the following channels:

- Desktop Channel Windows 11 Pro, Google Chrome Browser, Version 112.0.5615.49 (Official Build) (64-bit)
- Mobile Channel Samsung A8, Android 11; SM-X205 Build/RP1A.200720.012 Google Chrome Browser Version 103.0.5060.129

#### 3.3. PERCENTAGE RETURN TO PLAYER ('RTP')

Theoretical RTP %	eCOGRA RTP % Recalculation
Base Game: 94.42%	Base Game: 95.66%
Purchase Spins: 94.47%	Purchase Spins: 94.74%

The theoretical RTP percentage indicated in the table above is extracted from the game documentation as provided by the supplier. eCOGRA recalculated the RTP percentage by performing additional independent mathematical calculations on the output of simulation game data.



ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### 3.4. GAME CRITICAL SOFTWARE COMPONENTS

The following critical software elements formed part of the assessment scope:

Software Element Name	Version	Version	Digital Signature (SHA#1 Hash)
	Date	Number	
ChanceEngine.class	N/A	1.5.0	F13C9090CCC0FAA67602EEA89FB44EAAD4A52C1A
chance-moneytrain-10-config.yml	N/A	1.5.0	35A09FD920AC26EEB47B06F4724C179505E27F29
chance-moneytrain-12-config.yml	N/A	1.5.0	41970821AAC7A20DA6CE56ACA5EB0C6BF2059B3C
chance-moneytrain-4-config.yml	N/A	1.5.0	CFF8828442F45CFDA8E26B9367B0139EF48ACF7F
chance-moneytrain-5-config.yml	N/A	1.5.0	3B764FEB1B0A1BFB37BEFD1B82B37D90AD50AF53
chance-moneytrain-6-config.yml	N/A	1.5.0	4AC22B5CCB0E8849F51B3E7A8C0CE513282F4985
chance-moneytrain-7-config.yml	N/A	1.5.0	7E7821EF0D9F75C9C896B9E7011188B292B98BC1
chance-moneytrain-8-config.yml	N/A	1.5.0	753D6030CA9D3A3670AE85A0E37999313E54E82C
chance-moneytrain-9-config.yml	N/A	1.5.0	C178CC5C9A6260781E5439DDBB39BB80D73E5C4C
chance-moneytrain-bronze-config.yml	N/A	1.5.0	51A0C40198B39019EA59FA5C2F12BBE3912E97C0
chance-moneytrain-gold-config.yml	N/A	1.5.0	272B4BFEA400655704E6B4DB19F5BD34B8DA59AA
chance-moneytrain-silver-config.yml	N/A	1.5.0	008FE92DF5F79F933DA6AA936015063B7DCD2D81
chance-moneytrain-slots-config.yml	N/A	1.5.0	4E96B2008F5EA25B040E9D53577EE9EFCC56B1E4
SlingoEngine.class	N/A	1.5.0	E8F4516E8A9C1656E8884E3716077E85CCA7738F
SlotsMoneyTrainEngine.class	N/A	1.5.0	E7F81103F3581E81822B2BA6FDD881A1C08DD52F
SlotsMoneyTrainRNGService.class	N/A	1.5.0	ABD7EC3B8D7E6EAA3F52E792CEC325DD835BE117
slots-moneytrain-config.yml	N/A	1.5.0	C10C183853F1903A067851B60EC7B20C813ACA7A
slingo-moneytrain-config.yml	N/A	1.5.0	7D4A49A25D93B578BAC532A25C8CB9898DCCC2DD
SlotsEngine.class	N/A	1.5.0	E1EB3F614653434CEDC32E164B6EB42D1DAD41B7
slingo-moneytrain-prices.csv.gz	N/A	1.5.0	A89C2C1292A2FE961B93F28720B21BAC809858DB



ALCHEMYBET LTD ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### 3.5. RANDOM NUMBER GENERATOR

The RNG utilised in evaluating the game output and games rules has been sufficiently and appropriately tested under a separate RNG testing report. Please refer to RNG report RN-563-GR1-20-02-609 issued by GLI Europe B.V. on 14 July 2021 for further details of testing conducted over RNG

#### 4. KEY DOCUMENTS REVIEWED

Key Documents Inspected							
File Name	Туре	Version Number	Version Date				
moneytrain_help_nl_NL	Game Rules	1.0.0	N/A				
Slingo Money Train Maths - PAR V2.5	Parsheet	2.5	N/A				
rgs-game-info-slingo-moneytrain	Specification Doc	1.1	10/03/2023				



ISSUE DATE: 12 MAY 2023
REPORT NUMBER: E235585GRLNLDM

#### 5. ASSESSMENT AND EVALUATION METHODS APPLIED

The sections below provide a high-level overview of the assessment and evaluation methods applied.

#### **5.1. GAMES AND GAMING TECHNOLOGY**

Game design assessment has included verification of the game mathematics, game artwork, the theoretical RTP and player-facing game rules. Software assessment has included evaluation and verification of the software implementation of the game design aspects tested, with verification procedures conducted over games rules and the actual RTP, using methods of simulation, emulation and manual testing, and verification of the scaling and mapping used to convert raw RNG output to game outcomes.

Game Assessments	
	Varification was adverse average of the allowers internal
Game Software	Verification procedures over sufficiency and appropriateness of the client's internal
Assessment	testing conducted over the game under certification.
Documentation	Evaluation of the supporting game documentation to ensure that it is consistent and
Assessment	supports the game rules and logic present in the game.
Source Code	Evaluation of the pertinent modules of the game source code for mapping of rules and
Assessment	RNG calling.
Mathematical	Review of the mapping of the random inputs to game outcomes in accordance with
Assessment	prevailing probabilities and pay tables.
	Review of the game design and game mathematics that determine the theoretical RTP%.
	Independent mathematical calculations of RTP% utilising complete, accurate and valid
	simulated game data output, to verify the theoretical RTP% as per the game mathematics
	documentation.
	Game simulation (output) assessment to ensure the game outcomes are randomly
	generated and the actual RTP is within an acceptable range of the expected RTP.
Playability Assessment	Inspection of game interface including artwork and graphics, and clear and correct
	presentation of the game rules.
	Evaluation of game accounting in accordance with game pay tables.
Functionality	Comprehensive operational and functional client-side tests over the game mechanics to
Assessment	ensure that game pay tables, game rules and help files are correctly implemented in the
	operation of the game.
	A check on whether it is possible to place a wager outside of the base game and ordinary
	course of play, and if this wager directly activates a game feature outside of the ordinary
	course of play.
<b>Emulation Assessment</b>	Assessment of rare outcomes through emulation to ensure that game pay outs, top prizes
	and jackpot features (if applicable) operate correctly.

Further documentation assessments, game functionality assessments and game artwork and game rule review assessments were conducted to verify that the game conformed to relevant certifiable requirements.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

REPORT NUMBER: E235585GRLNLDM

#### 6. DETAILED ASSESSMENT RESULTS

Assessment were performed against certifiable sections of the following laws and regulations of Kansspelautoriteit, as applicable to the components relevant to the products within scope:

Remote Gambling – Gaming System Assessment Scheme (Version 2.0)

The results of our assessment for conformity with the relevant requirements are detailed below. Different values used in the "Assessment Result" column is described as follows:

- **Compliant**: The components within the assessment scope conform to the assessment standards and criteria.
- > Not Applicable: The requirement is not applicable for the assessment of conformance. Refer to comments for further information.
- > Out of Scope: The requirement for the assessment of conformance cannot be evaluated at this stage due to the current scope of assessment. Refer to comments for further information.
- Non-Compliant: Non-compliance with the regulatory requirement has been identified. Refer to comments for further information.
- > **Compliant with Observation**: The components within the assessment scope conform to the assessment standards and criteria with certain limitations or an area of moderate risk of potential non-compliance identified. Refer to comments for further information.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
3.2 Payment	transactions			·		
12 - Section number Decree: B4.31.2	ID NL: KS.02.10_2.0	Confirm that the design ensures that the licensee provides the player with access to the necessary information relating to their gambling account and the changes to the gambling account on each page or screen of the player interface. This information shall in any case include:  a. the current balance of the gambling account; b. the opening balance of the gambling account at the most recent login; c. the total stake since the most recent login; d. the total profits and the total losses since the most recent login, and e. an overview of all transactions on the gambling account for a period of at least the last 90 days.		Playability Assessment	Compliant	We participated in multiple game rounds and inspected the game interface, game rules and pay tables. We confirmed that the player's account balance is continuousl displayed on all pages related to the game.  Requirements are not managed by the game supplier. The scope of assessment is limited to aspects directly managed by the supplier.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
56 - Regulations number Decree: R3.4.1	ID NL: KS.09.03_2.0	In terms of design, establish that the licence holder only uses names for the games on offer that match the types of game actually being played (poker, roulette, betting, etc.).		Playability Assessment	Compliant	We inspected the game interface, game rules and pay tables, and confirmed that the game name displayed on all pages does not give the player the impression that this is a different game type other than a Slingo game. Furthermore, the game rules state this is a slingo game.
58 - Regulations number Decree: R3.7	ID NL: KS.09.05_2.0	In terms of design and implementation, establish that devices cannot automatically begin taking part in betting or gambling activities without the input of the player.		Functionality Assessment	Compliant	We accessed the game and confirmed that a game round does not automatically initiate, the player is required to initiate the game round by clicking the 'Spin' button. We further inspected the game interface, game rules and pay tables, and confirmed that there is no auto-play functionality available.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
		In terms of design and implementation, establish that a player will not begin participating in a game until they press a real or virtual button to confirm their stake.		Functionality Assessment	Compliant	We participated in multiple game rounds, wagering all possible bet amounts, and confirmed that the player is not forced into betting or gambling activities, the player is required to initiate the game round by clicking the 'Spin' button.
		In terms of design and implementation, confirm that games against the licensee do not include any form of automatic stakes.		Functionality Assessment	Compliant	We accessed the game and inspected the game interface, game rules and pay tables. We confirmed that there is no auto-play functionality available.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
		In terms of design and implementation, establish		Functionality	Not Applicable	We inspected the game
		that the so-called auto-play functionality can only		Assessment		interface, game rules
		be used after the start of a game where another				and paytables, and
		player is played at the same time.				confirmed that there is
						no auto-play
						functionality available
						in the game.
						Furthermore, the game
						under certification is
						not a multi- player
						game.
59 -	ID NL:	In terms of design, establish that the auto-play		Functionality	Not Applicable	We inspected the game
Regulations	KS.09.06_2.0	function operates in accordance with the rules of		Assessment		interface, game rules
number	_	the game, as communicated to the player. At the				and paytables, and
Decree:		very least, establish that the fairness of the				confirmed that there is
R3.9		function and the timeliness of choices are				no auto-play functionality available
		addressed.				in the game.
		In terms of design, establish that a player cannot		Functionality	Compliant	We inspected the game
		simply stake money on something by using the		Assessment		interface, game rules
		auto-play function, unless this is necessary for the				and paytables, and
		progress of the game, in accordance with rules				confirmed that there is
		that must be easily understood by the players (e.g.				no auto-play
		blinds in a game of poker).				functionality available in the game.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	T
60 -	ID NL:	In terms of design and implementation, establish		Playability &	Not applicable	The game under
Regulations	KS.09.07_2.0	that the gaming system has been set up in such a		Functionality		certification is not a live
number		way that fair play is guaranteed at all times in live		Assessment		casino game.
Decree:		casino games, by way of the following technical				
R3.9a		requirements:				
		a. The player is able to take part in those casino				
		games via a direct video link.				
		In terms of design and implementation, establish		Not applicable	Not applicable	The game under
		that the gaming system has been set up in such a				certification is not a live
		way that fair play is guaranteed at all times in live				casino game.
		casino games, by way of the following technical				
		requirements:				
		b. The direct video link and, where applicable,				
		other communication connections and means of				
		communication:				
		i. have been sufficiently protected against				
		malfunctions;				
		ii. are protected against unlawful access,				
		unauthorised use and manipulation;				



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
		In terms of design and implementation, establish		Not applicable	Not applicable	The game under
		that the gaming system has been set up in such a				certification is not a live
		way that fair play is guaranteed at all times in live				casino game.
		casino games, by way of the following technical				
		requirements:				
		c. the progress of the live casino games and the				
		gambling behaviour of players is analysed and				
		recorded on the basis of video surveillance and				
		video reporting;				
		In terms of design and implementation, establish		Not applicable	Not applicable	The game under
		that the gaming system has been set up in such a				certification is not a live
		way that fair play is guaranteed at all times in live				casino game.
		casino games, by way of the following technical				
		requirements:				
		d. the analysis and recording, as referred to under				
		c., shall in any case be aimed at identifying and				
		countering fraud and abuse, as well as risks of				
		gambling addition;				



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
		In terms of design and implementation, establish that the gaming system has been set up in such a way that fair play is guaranteed at all times in live casino games, by way of the following technical requirements:  e. Only personnel who have the requisite qualifications and have received training either internally or externally or have attended a training course shall be used to organise the live casino games.		Not applicable	Not applicable	The game under certification is not a live casino game.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

61 -	ID NL:	In terms of design and implementation, establish	Not applicable	Functionality	Compliant	We simulated a loss in
	KS.09.08_2.0	that the gaming system allows the player to finish	140t applicable	Assessment	Compilant	connection during
Regulations	K3.09.08_2.0			Assessment		game play and
number		a game interrupted by malfunctions.				inspected the game
Decree:						interface. We
R3.3						confirmed that the
						game produces a
						message informing the
						player of no internet
						connection, and on
						return to the game we
						confirmed that the
						player is presented
						with a message
						informing them of the
						incomplete game. The
						game continues after a
						player has pressed the
						'ok' button.
						Furthermore, we
						refreshed the browser
						during game play and
						inspected the game
						interface on return to
						the game. We
						confirmed that the
						player is presented
						with a message
						informing them of the
						incomplete game. The
						game continues after a



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
						player has pressed the 'ok' button.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023
REPORT NUMBER: E235585GRLNLDM

In terms of design and implementation, establish	Playability &	Compliant	We simulated a loss in
that the gaming system provides information to	Functionality		connection during
the player about the status of a game interrupted	Assessment		game play and
by malfunctions.	7.555551116116		inspected the game
by munumenons.			interface. We
			confirmed that the
			game produces a
			message informing the
			player of no internet
			connection, and on
			return to the game we
			confirmed that the
			player is presented
			with a message
			informing them of the
			incomplete game. The
			account balance is
			correct and unchanged
			from the point where
			the connection was
			lost. The game round
			continues after a player
			has pressed the 'ok'
			button.
			Furthermore, we
			refreshed the browser
			during game play and
			inspected the game
			interface on return to
			the game. We
			confirmed that the



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
						player is presented with a message informing them of the incomplete game. The account balance is correct and unchanged from the point where the browser was refreshed. The game continues after a player has pressed the 'ok' button.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
62 - Regulations number Decree: R3.5	ID NL: KS.09.09_2.0	In terms of design and implementation, establish that, before play commences, the gaming system provides the player with information about the possible bets and the bets selected by the player.		Playability Assessment	Result  Compliant	We inspected the game interface before play commences and noted the current stake is available on the game interface, the player accesses the Stake options by selecting the stake. All possible stakes levels are available in the Stake options section. Once the player selects their stake, the stakes is clearly displayed at the bottom of the game interface before initiating a game round.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
		In terms of design and implementation, establish		Playability	Compliant	We inspected the game
		that the player provides the value of their stake in		Assessment		interface before play
		money (a currency) before the game starts.				commences and noted
						the current stake is
						available on the game
						interface and is
						displayed in Euro's, the
						player accesses the
						Stake options by
						selecting the stake. All
						possible stakes levels
						are available in the
						Stake options section,
						and it is clear they are
						in Euro's. Once the
						player selects their
						stake, the stakes is
						clearly displayed on the
						game interface in
						Euro's before initiating
						a game round.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023
REPORT NUMBER: E235585GRLNLDM

NEL GIV. IVG III DE IV.

63 - Remote	ID NL:	In terms of design and implementation, establish	SlotsMoneyTrainRNGService.class	Playability &	Compliant	The scope of
Gambling	KS.09.10_2.0	that, with the exception of the actual betting and	1.5.0	Functionality		assessment is limited
Decree and		the actual payment of the prizes, the practice	SlotsMoneyTrainEngine.class	Assessment &		to aspects directly
Regulations:		games are the same as the gambling activities	1.5.0	Source Code		managed by the supplier.
B4.2.3 and		offered by the licence holder.	slots-moneytrain-config.yml 1.5.0	Assessment		supplier.
R3.2.1			SlotsEngine.class 1.5.0			
			slingo-moneytrain-prices.csv.gz			
			1.5.0			
			slingo-moneytrain-config.yml			
			1.5.0			
			SlingoEngine.class 1.5.0			
			chance-moneytrain-slots-			
			config.yml 1.5.0			
			chance-moneytrain-silver-			
			config.yml 1.5.0			
			chance-moneytrain-gold-			
			config.yml 1.5.0			
			chance-moneytrain-bronze-			
			config.yml 1.5.0			
			chance-moneytrain-12-config.yml			
			1.5.0			
			chance-moneytrain-10-config.yml			
			1.5.0			
			chance-moneytrain-9-config.yml			
			1.5.0			
			chance-moneytrain-8-config.yml			
			1.5.0			



ALCHEMYBET LTD ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
			chance-moneytrain-7-config.yml 1.5.0 chance-moneytrain-6-config.yml 1.5.0 chance-moneytrain-5-config.yml 1.5.0 chance-moneytrain-4-config.yml 1.5.0			
64 - Regulations number Decree: R3.2a.1	ID NL: KS.09.11_2.0	In terms of design and implementation, establish that the Random Number Generator applied is suitable for the form of gambling for which the Random Number Generator is used.	ChanceEngine.class 1.5.0  Not applicable	Refer to Method stated in RNG report.	Not applicable	The scope of this assessment is limited to newly introduced component or components that have undergone changes.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
65 - Regulations number Decree: R3.2a.3	ID NL: KS.09.12_2.0	In terms of design and implementation, establish that, for casino games, each Random Number Generator, with a data set of at least 1,000,000 outcomes, successfully passes one of the below tests:  • the DIEHARD Test (Marsaglia); • the NIST (National Institute of Standards and Technology) or TESTU01. For mechanical random number generators such as roulette kettles, it is possible to limit the dataset to a minimum of 1000 times the possible outcomes.		Refer to Method stated in RNG report.	Not applicable	The scope of this assessment is limited to newly introduced component or components that have undergone changes.
66 - Regulations number Decree: R3.2.1	ID NL: KS.09.13_2.0	In terms of design and implementation, establish that each Random Number Generator is equipped with a suitable method of seeding and re-seeding so that predictability of results is avoided.		Refer to Method stated in RNG report.	Not applicable	The scope of this assessment is limited to newly introduced component or components that have undergone changes.
67 - Regulations number Decree: R3.2.1	ID NL: KS.09.14_2.0	In terms of design and implementation, establish that, except for the randomness of other players, the outcome of all chance parts of the gambling activities are based on the Random Number Generator.  Exception: when using a randomness mechanism without replacement, the outcome of the random parts can be predictable to a certain extent.		Refer to Method stated in RNG report.	Not applicable	The scope of this assessment is limited to newly introduced component or components that have undergone changes.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
68 -	ID NL:	In terms of design and implementation, establish		Refer to	Not applicable	The scope of this
Regulations	KS.09.15_2.0	that each outcome of the Random Number		Method stated		assessment is limited
number		Generator, and the result it has led to in the		in RNG report.		to newly introduced
Decree:		gambling, is recorded.				component or
R3.2.1						components that have
69 -	ID NII .	In terms of design and implementation, establish		Defeate	Nist soulisable	undergone changes. The scope of this
	ID NL:			Refer to	Not applicable	assessment is limited
Regulations	KS.09.16_2.0	that the outcome of any game is determined solely		Method stated		to newly introduced
number		by chance and the choice or choices made by the		in RNG report.		component or
Decree:		player within the framework of the game.				components that have
R3.2.1						undergone changes.
70 -	ID NL:	In terms of design and implementation, establish		Functionality	Compliant	We inspected the game
Regulations	KS.09.17 2.0	that the gambling can function in the same way,		Assessment		on HTML5 Desktop and
number	_	independently of the means used by the players.				Mobile and confirmed
Decree:						on mobile devices with
R3.2.1						smaller screens that
N3.2.1						the buttons are moved
						from the bottom to the
						right of the game
						interface. We
						confirmed that the
						functionality is the
						same on both device



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

ID NI ·	In terms of design and implementation, establish	SlotsMoneyTrainRNGService class	Documentation	Compliant	
	•	•		Compliant	
K3.09.16_2.0					
	_	_			
	presented by the gambling activities.				
		=	Assessment		
		slingo-moneytrain-prices.csv.gz			
		1.5.0			
		slingo-moneytrain-config.yml			
		1.5.0			
		SlingoEngine.class 1.5.0			
		chance-moneytrain-slots-			
		config.yml 1.5.0			
		chance-moneytrain-silver-			
		config.yml 1.5.0			
		chance-moneytrain-gold-			
		config.yml 1.5.0			
		chance-moneytrain-bronze-			
		config.yml 1.5.0			
		chance-moneytrain-12-config.yml			
		1.5.0			
		chance-moneytrain-10-config.yml			
		1.5.0			
		chance-moneytrain-9-config.vml			
	ID NL: KS.09.18_2.0		that the odds of winning or losing expected by the player correspond to the odds generated and presented by the gambling activities.  1.5.0  SlotsMoneyTrainEngine.class 1.5.0  slots-moneytrain-config.yml 1.5.0  Slingo-moneytrain-config.yml 1.5.0  SlingoEngine.class 1.5.0  slingoEngine.class 1.5.0  chance-moneytrain-silver-config.yml 1.5.0  chance-moneytrain-gold-config.yml 1.5.0  chance-moneytrain-bronze-config.yml 1.5.0  chance-moneytrain-bronze-config.yml 1.5.0  chance-moneytrain-bronze-config.yml 1.5.0  chance-moneytrain-lo-config.yml 1.5.0  chance-moneytrain-lo-config.yml 1.5.0  chance-moneytrain-lo-config.yml 1.5.0	that the odds of winning or losing expected by the player correspond to the odds generated and presented by the gambling activities.  1.5.0  SlotsMoneyTrainEngine.class 1.5.0  Slotsmoneytrain-config.yml 1.5.0  SlotsEngine.class 1.5.0  slingo-moneytrain-config.yml 1.5.0  SlingoEngine.class 1.5.0  chance-moneytrain-silver-config.yml 1.5.0  chance-moneytrain-gold-config.yml 1.5.0  chance-moneytrain-pronze-config.yml 1.5.0  chance-moneytrain-12-config.yml 1.5.0  chance-moneytrain-12-config.yml 1.5.0  chance-moneytrain-12-config.yml 1.5.0  chance-moneytrain-10-config.yml 1.5.0  chance-moneytrain-9-config.yml 1.5.0  chance-moneytrain-8-config.yml	KS.09.18_2.0 that the odds of winning or losing expected by the player correspond to the odds generated and presented by the gambling activities.    1.5.0



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
			chance-moneytrain-7-config.yml			
			1.5.0			
			chance-moneytrain-6-config.yml			
			1.5.0			
			chance-moneytrain-5-config.yml			
			1.5.0			
			chance-moneytrain-4-config.yml			
			1.5.0			
			ChanceEngine.class 1.5.0			
			Slingo Money Train Maths - PAR			
			V2.5			
72 -	ID NL:	In terms of design and implementation, establish		Source Code	Not Applicable	This game does not
Regulations	KS.09.19_2.0	that, where present, the jackpot is linked to a		Assessment &		contain a progressive
number		game outcome of the gambling activities and that		Functionality		jackpot.
Decree:		the jackpot is part of the prize schedule of the		Assessment &		
R3.2.1		gambling activities.		Emulation		
				Assessment		



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

73 -	ID NL:	In terms of design and implementation, establish	SlotsMoneyTrainRNGService.class	Mathematical	Compliant	We inspected the
Regulations	KS.09.20_2.0	that the pay-out rate presented is the theoretical	1.5.0	Assessment		math's par sheet and
number		pay-out rate.	SlotsMoneyTrainEngine.class			game specification document, and verify
Decree:			1.5.0			that the pay line
R3.3			slots-moneytrain-config.yml 1.5.0			assessment, payout
			SlotsEngine.class 1.5.0			distribution and
			slingo-moneytrain-prices.csv.gz			theoretical payout rate
			1.5.0			are in line with the
			slingo-moneytrain-config.yml			documents provided.
			1.5.0			
			SlingoEngine.class 1.5.0			
			chance-moneytrain-slots-			
			config.yml 1.5.0			
			chance-moneytrain-silver-			
			config.yml 1.5.0			
			chance-moneytrain-gold-			
			config.yml 1.5.0			
			chance-moneytrain-bronze-			
			config.yml 1.5.0			
			chance-moneytrain-12-config.yml			
			1.5.0			
			chance-moneytrain-10-config.yml			
			1.5.0			
			chance-moneytrain-9-config.yml			
			1.5.0			
			chance-moneytrain-8-config.yml			
			1.5.0			



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
			chance-moneytrain-7-config.yml 1.5.0 chance-moneytrain-6-config.yml 1.5.0 chance-moneytrain-5-config.yml 1.5.0 chance-moneytrain-4-config.yml 1.5.0 ChanceEngine.class 1.5.0 Slingo Money Train Maths - PAR V2.5 rgs-game-info-slingo-moneytrain 1.0.0			
77 - Regulations number Decree: R3.2.2	ID NL: KS.09.24_2.0	In terms of design and implementation, establish that, in player-to-player gambling activities, the participants are registered per game.		Functionality Assessment	Not Applicable	The game under certification is not a multi- player game
78 - Regulations number Decree: R3.3	ID NL: KS.09.25_2.0	In terms of design and implementation, establish that any deviations in a mechanical Random Number Generator are recorded.		Refer to Method stated in RNG report.	Not Applicable	A Mechanical RNG is not used.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
79 - Regulations number Decree: R3.8	ID NL: KS.09.26_2.0	In terms of design and implementation, establish that the gaming system will accept the player's bet and participation only if the outcome of the immediately preceding game is certain.		Functionality Assessment	Compliant	We inspected the game interface during game play and confirmed that once a player initiates a game round, the stake options and 'Spin' button is disabled. A player is unable to change or add to the current stake until the current game round is complete, the account balance is correctly updated, and the game history functionality provides a record that game play is concluded.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article	In terms of design and implementation, establish that the gaming system gives the player sufficient opportunity to influence the further course of the game.		Functionality Assessment	Result	We inspected the game interface during game play and confirmed that before a player initiates a game round, a player is given sufficient opportunity to influence the further course of the game, there is no time limit to participate in a game round and a game round will not initiate until a player clicks the 'Spin' button.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
80 - Remote Gambling Decree and Regulations: B4.34 and R3.4	ID NL: KS.09.27_2.0	In terms of design and implementation, establish that the rules of the game and the pay-out percentage presented for the game do not change during the game.		Playability & Functionality Assessment	Compliant	We participated in multiple game rounds including any game features, as well as inspected the game rules and paytables before, during and after game play. We confirmed that there only one version of game rules and paytables for this game and it does not change and is consistent. Furthermore, we inspected the math's par sheet and XML, ar confirmed that the parant out percentage displayed in the game is consistent with the math's par sheet and XML.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments
81 - Remote Gambling Decree and Regulations: B4.34 and R3.4	ID NL: KS.09.28_2.0	In terms of design and implementation, establish that each game is provided with as comprehensive an explanation of the game as possible, including instructions on how to play.		Playability & Functionality Assessment	Compliant	We inspected the game rules/pay tables and confirmed that they cover all aspects of the game and are clearly communicated.
82 - Remote Gambling Decree and Regulations: B4.34 and R3.4	ID NL: KS.09.29_2.0	In terms of design and implementation, establish that the game explanations and related instructions do not give rise to deception or misunderstanding.		Playability & Functionality Assessment	Compliant	We inspected the game rules and pay tables, we participated in multiple game rounds, including any game features and compared this to the game rules and paytables. After our comparison, we confirmed that the game rules are clear and in accordance with the game functionality.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
83 - Remote Gambling Decree and Regulations: B4.34 and R3.4	ID NL: KS.09.30_2.0	In terms of design and implementation, establish that the game explanations and related instructions are displayed using the tool used by the player for the gambling.		Playability Assessment	Compliant	We accessed the game on HTML5 Desktop and Mobile and inspected the game rules and pay tables. The game rules and paytables were accessed via a burger icon found on the game interface and we confirmed that they are available on the same HTML5 Desktop and
84 - Remote Gambling Decree and Regulations: B4.34, B4.38 and R3.4	ID NL: KS.09.31_2.0	In terms of design and implementation, establish that the game explanations and accompanying instructions are in any case drawn up in the Dutch language.	moneytrain_help_nl_NL1.0.0	Playability Assessment	Compliant	Mobile device as the actual game.  We inspected the gam interface, game rules, pay tables and game rule documents. We confirmed with the us of a translator tool and image text extractor that all information is displayed in the Dutch



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
85 - Remote Gambling Decree and Regulations: B4.34, B4.38 and R3.4	ID NL: KS.09.32_2.0	In terms of design and implementation, establish that the game explanations and corresponding instructions are set to Dutch by default.	moneytrain_help_nl_NL1.0.0	Playability Assessment	Compliant	The scope of assessment is limited to aspects directly managed by the supplier.
86 - Remote Gambling Decree and Regulations: B4.34 and R3.4	ID NL: KS.09.33_2.0	In terms of design and implementation, establish that the available game explanations and related instructions are the same in all languages.	moneytrain_help_nl_NL1.0.0	Playability Assessment	Compliant	We inspected the game interface, game rules, pay tables, Dutch and English and game rule documents. With the use of a translator tool we compared the information and confirmed that all information is the same in all languages.



ALCHEMYBET LTD

ISSUE DATE: 12 MAY 2023

Section No.	Theme /	Requirement Assessed	Document/s Used	Method	Assessment	Comments
	Article				Result	
87 - Remote Gambling Decree and Regulations: B4.34 and R3.4	ID NL: KS.09.34_2.0	In terms of design and implementation, establish that game explanations and related instructions are available before the player places their bet.		Playability & Functionality Assessment	Compliant	We accessed the game and inspected the game rules and pay tables before initiating a game round. We confirmed that the game rules and paytables are available before a game round is initiated by the player and they remain available throughout game play.
88 - Remote Gambling Decree and Regulations: B4.34 and R3.4	ID NL: KS.09.36_2.0	In terms of design and implementation, establish that game explanations and corresponding instructions are also available during the game.		Playability & Functionality Assessment	Compliant	We participated in multiple game rounds and features and inspected the game rules and pay tables. We confirmed that they are available during game rounds.
89 - Remote Gambling Decree and Regulations:	ID NL: KS.09.37_2.0	In terms of design and implementation, establish that the game explanations and accompanying instructions contain information on the theoretical pay-out rate of the gambling activities.		Playability Assessment	Compliant	We inspected the game rules and pay tables and confirmed that the theoretical pay-out rate is clearly displayed.



ALCHEMYBET LTD
ISSUE DATE: 12 MAY 2023

Section No.	Theme / Article	Requirement Assessed	Document/s Used	Method	Assessment Result	Comments