

# DIRECTORATE: FOOD SAFETY & QUALITY ASSURANCE NATIONAL DEPARTMENT OF AGRICULTURE

Private Bag X 5015, STELLENBOSCH, 7599 Polkadraai Road, Stelllenbosch, 7600 Tel: 021 809 1600 Fax: 021 887 0036

### **CHEMICAL ANALYSIS REPORT**

Name of Applicant:

Namibian Self-reg Alc Ind Forum

Sample:

Sir Edwards Finest Whisky

Applicant Reference no:

RVZ10/10-02

Seal wax no:

A/B Code no:

Service Rendered by:

Analytical Services (South)

Laboratory no:

418514

Date of Report:

2010/11/02

<u>Analysis</u>	<b>Date of Analysis</b>	Result	
Actual alcoholic strength	2010-11-01	39.58	% Vol
Density of Sample	2010-11-01	0.9487	-
Total dry extract result	2010-11-01	0.0	g/l

DIRECTORA TE: FOOD SAFETY & QUALITY ASSURANCE

Enquiries: A.Reid

Tel.: (021) 809 - 1691

Fax: (021) 887-0036

Test Results only apply to the sample tested

Test Report shall not be reproduced except in full, without written approval of the Laboratory



# DIRECTORATE: FOOD SAFETY AND QUALITY ASSURANCE

#### NATIONAL DEPARTMENT OF AGRICULTURE

Client Fax number:

Private Bag X 5015, STELLENBOSCH, 7599 Polkadraai Road, Stelllenbosch, 7600 Tel: 021 809 1600 Fax: 021 887 0036

### Analytical Services (South) Test Report: 418,514

Report Print Date: 2010/11/02

Page 1 of 1

Client: Department of Agriculture: Stellenbosch

Private Bag X5015 Stellenbosch

7599

Reference number: RVZ10/10-02

Consignee Country:

Vintage: Trade Name: Sir Edwards Finest Whisky

Cultivar: Liquor Type: Whisky
WO Certified: Consignment Type: Bottled

Laboratory Reference number: 418514 Application Registered: 2010-10-29 WOSA Wine Online Ref number: Sample Received: 2010-10-29

**Test Results** 

<u>Test:</u>	Result and Unit	Test Date	Test Method
Methanol	30 mg/l AA	2010-11-01	GC
Total Higher Alcohols	None detected g/hL AA	2010-11-01	GC
Propanol	Not Detected	2010-11-01	GC
Iso-Butanol	Not Detected	2010-11-01	GC
Normal Butanol	Not Detected	2010-11-01	GC
iso-Amyl Alcohol	Not Detected	2010-11-01	GC

Test results were authorised and released to the Division: Liquor Products on 2010/11/02 09:12:37AM

2010-11-02 SENIOR MANAGER: FSQA REPORT DATE

End of Test Report: 418,514

Enquiries: Mr Flip Alberts Tel 021 809 1673

## Application by SAIF (Namibia)

## for analysis by DAFF Analytical Services, South

Labo	orator	ν	
	mber	,	
11	85	74	

28 / 10 / 2010

Date

Details of Sample						
Name of Applicant / Instituti	ion: <u>Namil</u>	oian Self-Re	g Alc Ind Forum		Town:	N/a
Full description:	Sir Edwards Finest Whisky				Price:	\$ 48-00
Trade Control Ref. no:	RvZ	10/10-02	<u> </u>	A/B Code no:		None
Lot no. (If Applicable)	25 <b>520</b> 000000	N//	S	Seal no:		N/a
Received / Drawn:	Date:	28/10/2010	Time: \	/olume: 750r	ml	43%Alc
Special Investigation Sam	ple Yes	X	No C	Official Cert. F	Required	Yes X No
Remarks: Produced &			· · · · · · · · · · · · · · · · · · ·			97000 111100
("Special	Offer"s	tricker)	Heeleh W	arning ? A	Icohal i	ncreases feed
						ns Newton Spirit
	L	aborator	/ Information o			
Received from:	Riaa	n van Zyl	Date & Time	received at La	ah. Di	2 9 OCT 2010T:
Received by :	A-6	EID	Signature:		1/4	eid.
				[		
Factory sealed:	Yes X	No	Officially Sea	aled:	Yes	No X
	-		Remarks:			
Date back to RiaanVZ	0 3 NOV 2	กาก				
Date back to Madify2	O 3 HOA T	UIU	HIRIA			
				, , , , , , , , , , , , , , , , , , ,		
	Α	nalvsis R	equested ( Mar	k with * \		
	Quanti-	Confir-		Date of		
	fication	mation	Result	Analysis		Remarks
Actual alcoholic strength	Х		37.58 % Vol.			
SG						
Total dry extract			g/l			(Valletta)
Reducing sugar	X		g/l			WARNING TO STATE OF THE STATE O
Total sugar			g/l			
Free SO²(Ripper/Aspiration)			mg/l			***************************************
Total SO <sup>2</sup> (Ripper/Aspiration)			mg/l			
Volatile acidity			g/l			(2) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4
pH / Total titratable acidity			/ g/l			Maka 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,
Higher alcohol: (Result)	X	Noned	elected g/hIAA			77.2.3.1
Iso-butanol						
เรษายนเลกษา	X	Not de	ected mg/l			
Propanol		Not de Not de				V/PP
	X	Not de	2 0			1977 - Marie Carlo (1974)
Propanol Iso Amiel Alkohol Sorbic Acid	X	Not de	ected mg/l			
Propanol Iso Amiel Alkohol	X	Not de	ected mg/l			
Propanol Iso Amiel Alkohol Sorbic Acid	X	Not de	ected mg/l Dected mg/l			
Propanol Iso Amiel Alkohol Sorbic Acid Sodium Benzoate	X X X	Not de	ected mg/l Lected mg/l mg/l AA			
Propanol Iso Amiel Alkohol Sorbic Acid Sodium Benzoate Methanol	X X X	Not de	ected mg/l Dected mg/l mg/l AA 30 mg/lAA			
Propanol Iso Amiel Alkohol Sorbic Acid Sodium Benzoate Methanol Esters (ethyl acetate)	X X X	Not de	mg/I AA  30 mg/IAA g/hI AA			

Name: Riaan van Zyl Signature:

Official



# DIRECTORATE: FOOD SAFETY & QUALITY ASSURANCE NATIONAL DEPARTMENT OF AGRICULTURE

Private Bag X 5015, STELLENBOSCH, 7599 Polkadraai Road, Stelllenbosch, 7600 Tel: 021 809 1600 Fax: 021 887 0036

### **CHEMICAL ANALYSIS REPORT**

Name of Applicant:

Namibian Self-reg Alc Ind Forum

Sample:

Sir Edwards Finest Whisky

Applicant Reference no:

RVZ10/10-04

Seal wax no:

A/B Code no:

-

Service Rendered by :

Analytical Services (South)

Laboratory no:

418516

Date of Report:

2010/11/02

<u>Analysis</u>	Date of Analysis	Result	
Actual alcoholic strength	2010-11-01	39.08	% Vol
Density of Sample	2010-11-01	0.9496	-
Total dry extract result	2010-11-01	0.3	g/l

DIRECTORATE. FOOD SAFETY & QUALITY ASSURANCE

Enquiries: A.Reid

Tel.: (021) 809 - 1691

Fax: (021) 887-0036

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#### **DIRECTORATE: FOOD SAFETY AND QUALITY ASSURANCE**

#### NATIONAL DEPARTMENT OF AGRICULTURE

Private Bag X 5015, STELLENBOSCH, 7599 Polkadraai Road, Stelllenbosch, 7600 Tel: 021 809 1600 Fax: 021 887 0036

### Analytical Services (South) Test Report: 418,516

Report Print Date: 2010/11/02

Page 1 of 1

Client: Department of Agriculture: Stellenbosch

Private Bag X5015 Stellenbosch

7599

Reference number: RVZ10/10-04

Consignee Country:

Vintage: Cultivar: Trade Name: Sir Edwards Finest Whisky

Liquor Type: Whisky

WO Certified:

Consignment Type: Bottled

Application Registered: 2010-10-29

Client Fax number:

Laboratory Reference number: 418516 WOSA Wine Online Ref number:

Sample Received:

2010-10-29

#### **Test Results**

Test:	Result and Unit	Test Date	Test Method
Methanol	30 mg/l AA	2010-11-02	GC
Total Higher Alcohols	None detected g/hL AA	2010-11-02	GC
Propanol	Not Detected	2010-11-02	GC
Iso-Butanol	Not Detected	2010-11-02	GC
Normal Butanol	Not Detected	2010-11-02	GC
Iso-Amyl Alcohol	Not Detected	2010-11-02	GC

Test results were authorised and released to the Division: Liquor Products on 2010/11/02 09:15:33AM

SENIOR MANAGER: FSQA

2010-11-02

REPORT DATE

End of Test Report: 418,516

Enquiries:

Mr Flip Alberts

Tei 021 809 1673

## **Application by SAIF (Namibia)**

## for analysis by DAFF Analytical Services, South

Laboratory
number

		De	etails of Sample		
Name of Applicant / Institution	tion: Namibian Self-Reg Alc Ind Forum Town:			Town: N/a	
Full description:	Sir Edwards Finest Whisky				Price:
Trade Control Ref. no:	RvZ:	RvZ10/10-04		VB Code no:	None
Lot no. (If Applicable)	- Constraining		S	eal no:	N/a
Received / Drawn:	Date:	28/10/2010	Time: V	olume: 750ml	43%Alc
Special Investigation Sample	e Yes	X	No C	official Cert. Re	quired Yes X No
Remarks : Produced & Bo	ottled in S	outh Afri	ca	Bar code:	6 297000 111100
Health b	latining	: Alco	hal increase	70000	assial evaluation: Neutral
	<i>\\</i>	·		15~	ago it evaluation: Newtral
· · · · · · · · · · · · · · · · · · ·	L	aboratory	/ Information of	Sample	
Received from:		n van Zyl	Date & Time	received at Lab:	D <sub>2</sub> 2 9 OCT 2010 T:
Received by :	A. e	ELN	Signature:		Rud
Factory sealed: Y	es X	No	Officially Sea	iled. V	es No X
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— Date back to RiaanVZ	0 3 NOV 2	010	Remarks: _		
				11000	
	Α	nalysis R	equested ( Marl	k with * )	
	Quanti-	Confir-	5 1	Date of	
	fication	mation	Result	Analysis	Remarks
Actual alcoholic strength	X		39.08 % vol.		
SG					
Total dry extract	سلسا		g/l		
Reducing sugar	X		g/l		
Total sugar			g/l		
Free SO <sup>2</sup> (Ripper/Aspiration)			mg/l		
Total SO <sup>2</sup> (Ripper/Aspiration)			mg/l		
Volatile acidity			g/l		
pH / Total titratable acidity			/ g/l		
Higher alcohol: (Result)	Х	Mone di	tako g/hI AA		
Iso-butanol	X	Not det	cted mg/l		
Propanol	X	Not de	tected mg/l		
Iso Amiel Alkohol	X		elected mg/l		
Sorbic Acid					
Sodium Benzoate			mg/l AA		
Methanol	X		30 mg/IAA		
Esters (ethyl acetate)			g/hl AA		
Pressure	<u></u>		kPa		
Butterfat			%		
Artificial Sweeteners					

Name: Rigan van Zvl Signature	KA	28 / 10 / 2010
Official	///	Date



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Private Bag X 5015, STELLENBOSCH, 7599 Polkadraai Road, Stelllenbosch, 7600 Tel: 021 809 1600 Fax: 021 887 0036

### CHEMICAL ANALYSIS REPORT

Name of Applicant:

Namibian Self-reg Alc Ind Forum

Sample:

Sir Edwards Finest Whisky

Applicant Reference no:

RVZ10/10-06

Seal wax no:

A/B Code no:

-

Service Rendered by :

Analytical Services (South)

Laboratory no:

418518

Date of Report:

2010/11/02

<u>Analysis</u>	<b>Date of Analysis</b>	Result	
Actual alcoholic strength	2010-11-02	39.96	% Vol
Density of Sample	2010-11-02	0.9483	-
Total dry extract result	2010-11-02	0.5	g/l

DIRECTORATE: GOOD SAFETY & QUALITY ASSURANCE

Enquiries: A.Reid

Tel.: (021) 809 - 1691

Fax: (021) 887-0036

Test Results only apply to the sample tested

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#### **DIRECTORATE: FOOD SAFETY AND QUALITY ASSURANCE**

#### NATIONAL DEPARTMENT OF AGRICULTURE

Private Bag X 5015, STELLENBOSCH, 7599 Polkadraai Road, Stelllenbosch, 7600 Tel: 021 809 1600 Fax: 021 887 0036

### Analytical Services (South) Test Report: 418,518

Report Print Date: 2010/11/02

Page 1 of 1

Client: Department of Agriculture: Stellenbosch

Private Bag X5015 Stellenbosch

7599

Reference number: RVZ10/10-06

Consignee Country:

Vintage:

Trade Name: Sir Edwards Finest Whisky Liquor Type: Whisky

Client Fax number:

Cultivar:

WO Certified:

Consignment Type: Bottled

418518 Laboratory Reference number:

WOSA Wine Online Ref number:

Application Registered: 2010-10-29 2010-10-29 Sample Received:

#### **Test Results**

Test:	Result and Unit	Test Date	Test Method
Methanol	30 mg/l AA	2010-11-02	GC
Total Higher Alcohols	None detected g/hL AA	2010-11-02	GC
Propanol	Not Detected	2010-11-02	GC
Iso-Butanol	Not Detected	2010-11-02	GC
Normal Butanol	Not Detected	2010-11-02	GC
Iso-Amyl Alcohol	Not Detected	2010-11-02	GC

Test results were authorised and released to the Division: Liquor Products on 2010/11/02 09:21:05AM

FSQA SEN/OR MANAGER

2010-11-02

REPORT DATE

End of Test Report: 418,518

Enquiries:

Mr Flip Alberts

Tel 021 809 1673

## Application by SAIF (Namibia)

## for analysis by DAFF Analytical Services, South



		De	etails of Sample		
Name of Applicant / Institution	n: <u>Namil</u>	oian Self-Re	q Alc Ind Forum		Town: N/a
Full description:	Sir E	dwards Fin	est Whisky		Price: \$46-95
Trade Control Ref. no:	RvZ10/10-06		΄ Α	/B Code no:	None
Lot no. (If Applicable)			Se	eal no:	N/a
Received / Drawn:	Date:	28/10/2010	Time: Vo	olume: 750ml	43%Alc
Special Investigation Sample	e Yes	X	No O	fficial Cert. Red	quired Yes X No
Remarks: Produced & Bo					97000 111100
Boysen W	/ulff	Botch S	ters Heal	eh Wasnin	og: Alcoholincreases,
		•	Sansocia	Evaluat	Fon: Newcoal Spirit)
		aboratory	y Information of	Sample	
Received from:	Riaa	ın van Zyl	Date & Time i	received at Lab:	D: <u>2 9 OCT 2010</u> T:
Received by :	<u> </u>	REID	Signature:		Muid
Factory sealed: Y	es X	No	Officially Seal	ed: Ye	es No X
<u>}</u>	·	<u> </u>			
			Remarks: _		
Date back to RiaanVZ	03 NOV	2010			
	Α	nalysis R	tequested ( Mark	with *)	
	A Quanti-	nalysis R		with * ) Date of	Pamarka
		T	Result		Remarks
Actual alcoholic strength	Quanti-	Confir-		Date of	Remarks
Actual alcoholic strength SG	Quanti- fication	Confir-	Result	Date of	Remarks
	Quanti- fication	Confir-	Result	Date of	Remarks
SG	Quanti- fication	Confir-	<b>Result</b> 39.96 % Vol.	Date of	Remarks
SG Total dry extract	Quanti- fication	Confir-	Result	Date of	Remarks
SG Total dry extract Reducing sugar	Quanti- fication	Confir-	Result 39.96 % Vol. g/1 g/1	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar	Quanti- fication	Confir-	Result 39.96 % Vol. g/1 g/1	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO <sup>2</sup> (Ripper/Aspiration)	Quanti- fication	Confir-	Result 3996 % Vol.  g/l g/l g/l mg/l	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO <sup>2</sup> (Ripper/Aspiration) Total SO <sup>2</sup> (Ripper/Aspiration)	Quanti- fication	Confir-	Result S196 % Vol. g/l g/l g/l mg/l mg/l	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity	Quanti- fication	Confir-	Result  3996 % Vol.  g/l g/l g/l mg/l mg/l g/l / g/l	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO <sup>2</sup> (Ripper/Aspiration) Total SO <sup>2</sup> (Ripper/Aspiration) Volatile acidity pH / Total titratable acidity	Quantification X	Confirmation  None de	Result  3996 % Vol.  g/l g/l g/l mg/l mg/l g/l g/l g/l	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity pH / Total titratable acidity Higher alcohol: (Result)	Quantification X	None de Not de le	Result  SP96 % Vol.  g/I g/I g/I mg/I mg/I g/I y/ g/I check g/hi AA	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity pH / Total titratable acidity Higher alcohol: (Result) Iso-butanol	Quantification X	None de	Result  SP96 % Vol.  g/I g/I g/I mg/I mg/I g/I y/ g/I check g/hi AA	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity pH / Total titratable acidity Higher alcohol: (Result) Iso-butanol Propanol	Quantification X X X X X X	None de Not de le	Result  3996 % Vol.  g/l g/l g/l mg/l mg/l g/l / g/l elected g/hi AA Clect mg/l clect mg/l	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity pH / Total titratable acidity Higher alcohol: (Result) Iso-butanol Propanol Iso Amiel Alkohol Sorbic Acid Sodium Benzoate	Quantification X  X  X  X  X  X  X	None de Not de le	Result  STTO % Vol.  g/I g/I g/I mg/I mg/I mg/I y/g/I checked g/hi AA check mg/I checked mg/I checked mg/I checked mg/I	Date of	Remarks
Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity PH / Total titratable acidity Higher alcohol: (Result) Iso-butanol Propanol Iso Amiel Alkohol Sorbic Acid Sodium Benzoate Methanol	Quantification X X X X X X	None de Not de le	Result  3996 % Vol.  g/l g/l g/l mg/l mg/l mg/l / g/l / g/l AA Cled mg/l clecled mg/l mg/l mg/l mg/l AA BO mg/lAA	Date of	Remarks
SG Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity pH / Total titratable acidity Higher alcohol: (Result) Iso-butanol Propanol Iso Amiel Alkohol Sorbic Acid Sodium Benzoate Methanol Esters (ethyl acetate)	Quantification X  X  X  X  X  X  X	None de Not de le	Result  3996 % Vol.  g/I g/I g/I mg/I mg/I mg/I / g/I  cleck g/hi AA Cleck mg/I cleck mg/I mg/I AA G/AA G/hi AA	Date of	Remarks
Total dry extract Reducing sugar Total sugar Free SO²(Ripper/Aspiration) Total SO²(Ripper/Aspiration) Volatile acidity PH / Total titratable acidity Higher alcohol: (Result) Iso-butanol Propanol Iso Amiel Alkohol Sorbic Acid Sodium Benzoate Methanol	Quantification X  X  X  X  X  X  X	None de Not de le	Result  3996 % Vol.  g/l g/l g/l mg/l mg/l mg/l / g/l / g/l AA Cled mg/l clecled mg/l mg/l mg/l mg/l AA BO mg/lAA	Date of	Remarks

Name: Riaan van Zyl Signature:	28 / 10 / 2010
Official M	Date