

# Tatlock & Thomson Ltd

SCIENTIFIC SERVICES

FLTD 8174

THE OLD CORN EXCHANGE  
4 HOPE STREET  
INVERKEITHING, FIFE  
KY11 1LW, SCOTLAND

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## CERTIFICATE OF ANALYSIS OF THE SAMPLE AS RECEIVED

Issued: 20-Apr-11

Page 1 of 1

Client: Old St Andrews Ltd  
Address: Unit E1, Chaucer Sevenoaks Kent TN15 6YP  
Business Park

Our reference: 11/ 2068

Your reference: **OLD ST. ANDREWS TWILIGHT 10 YEARS MALT WHISKY**

Received: 14-Apr-11

	<u>Per cent</u>	<u>Method</u> <u>Ref</u>
Alcohol by volume	40.2	1.1a
Total solids	0.05	1.1a
	<u>Grams per 100 litres</u> <u>of alcohol</u>	
Volatile acidity (as acetic acid)	32.8	1.3
Fixed acidity (as acetic acid)	8.2	1.3
Total acidity (as acetic acid)	41.4	1.3
Esters (as ethyl acetate)	46.0	1.4
Aldehydes (as acetaldehyde)	9.3	1.5
Furfuraldehyde	1.6	1.20
Propyl alcohol	52.0	1.20
Butyl alcohol	74.4	1.20
Amyl alcohol	198.3	1.20
Higher alcohols (total)	324.7	1.20
Methyl alcohol (methanol)	5.9	1.20

  
Dr. Harry Riffkin FRSC  
Director

Mary Riffkin BSc Hons  
Quality Manager

The symbol < indicates the compound was not detected, and the detectable limit is given.

UKAS accreditation meets the requirements of ISO 17025, however comments, opinions, interpretations, product certification and expiry dates are outside the scope of our UKAS accreditation. Tests and sampling activities marked with # are currently not included in the UKAS accreditation schedule for our laboratory.

ANALYSIS DATE: 20-Apr-11

EXPIRY DATE: 19-Apr-12

