

Technical Centre
Glenochil
Menstrie
Clackmannanshire
SCOTLAND
FK11 7ES

Our Reference : 15/274
Date Issued : 06/02/2015

Tel. +44(0)1259 761481
Fax. +44(0)1259 766874

CERTIFICATE OF ANALYSIS OF SAMPLE AS RECEIVED
for
Johnnie Walker Black Label Scotch Whisky @ 40% abv

Product category: Blended Scotch Whisky
Produced and bottled on behalf of Diageo Scotland Limited

	<u>Per Cent</u>
Alcohol by volume (real strength)	40.0
Total Solids	0.09
	<u>Grams per</u>
	<u>100 Litres of Alcohol</u>
Volatile Acidity as acetic acid	36
Fixed Acidity as acetic acid	9
Total Acidity as acetic acid	45
Esters as ethyl acetate	42.4
Aldehydes as acetaldehyde	8.9
Furfural	0.7
Propyl Alcohol	63.8
Butyl Alcohol	61.2
Amyl Alcohol	87.9
Higher Alcohols	212.8
Methyl Alcohol (Methanol)	8.5

The symbol “ < ” indicates the compound was not detected, and the detectable limit is given.
Analysis results are provided by an independent accredited laboratory.



Analysis Date: January 29, 2015
Expiry Date: January 29, 2016

Angus Clyne, Lead Project Scientist, C.Sci, C.Chem, MRSC,
Analytical Sciences Manager

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Analysis of sample as received

Johnnie Walker Black Label Scotch Whisky @ 40% abv

Product category: Blended Scotch Whisky
Produced and bottled on behalf of Diageo Scotland Limited

Alcoholic Strength by volume, (real strength) %	40.0
Gay - Lussac (degrees)	39.9

The symbol “ < ” indicates the compound was not detected, and the detectable limit is given.
Analysis results are provided by an independent accredited laboratory.

Comment

CERTIFICATE OF PURITY, HEALTH, HYGIENE, AND FREE SALE FOR Johnnie Walker Black Label Scotch Whisky

This is to certify that the above product is manufactured and bottled under modern conditions in premises which are subject to the control of the Public Health Authority and that this product is authorised for distribution in the United Kingdom and is fit for human consumption.



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Análisis de la muestra recibida

Johnnie Walker Black Label Scotch Whisky @ 40% abv

Categoría Del Producto: Whisky escocés de mezcla
Producido y embotellado en representación de Diageo Scotland Limited

	<u>Per Cent</u>
Alcohol por volumen (graduación real)	40.0
Extracto Solido	0.09

	<u>Gramos por 100 Litros de Alcohol</u>
Acidos volatiles en acido acetico	36
Acidos fijos en acido acetico	9
Acidos totales en acido acetico	45
Esteres en acetato de etilo	42.4
Aldehidos en aldehido acetico	8.9
Furfurol	0.7
Alcohol propílico	63.8
Alcohol butílico	61.2
Alcohol Amílico	87.9
Alcoholes Superiores (Total)	212.8
Alcohol Metílico	8.5

El símbolo "<" indica que el compuesto no se detectó, y se indica el límite detectable.
Los métodos de análisis internos están confirmados por el Laboratorio Químico del Gobierno del Reino Unido mediante su Esquema de Profesionalidad de Análisis de Destilados (DAPS).



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Análisis de la muestra recibida

Johnnie Walker Black Label Scotch Whisky @ 40% abv

Categoría Del Producto: Whisky escocés de mezcla
Producido y embotellado en representación de Diageo Scotland Limited

Contenido de alcohol por volumen, (graduación real) %	40.0
Gay - Lussac (degrees)	39.9

Comentario

CERTIFICATO DE PUREZA, SANIDAD, HIGIENE, Y LIBRE VENTA
Johnnie Walker Black Label Scotch Whisky

Certificamos por el presente que la muestra arriba mencionada se elabora y se embotella bajo condiciones modernas en locales conformes a los requisitos previstos por la reglamentación de sanidad pública, y que este producto es apto para consumo humano..



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