

J. MULLER

LABORATORIES (PTY) LTD

Reg. No.1980/004037/07
ANALYTICAL CHEMISTS

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REP. OF SOUTH AFRICA

Our Ref LN307538-15S-09

Date of Issue: 23 AUGUST 2013

Certificate of Analysis

PAGE 1 OF 2

This is to certify that the sample listed below was analysed

SUBMITTED BY: STONEBERG FARM HOLDINGS (PTY) LTD
P.O BOX 361
PIKETBERG
7320

ATTENTION: RODERICK SMITH

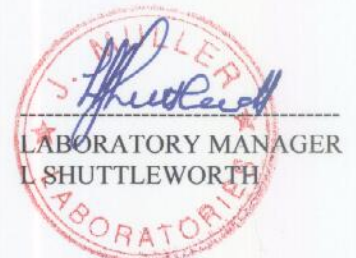
SAMPLE TYPE: OLIVE OIL (x1)
SAMPLE MARKS: COLD PRESS E.V.O.O

DATE SAMPLE RECEIVED: 01 JULY 2013
DATE ANALYSIS STARTED: 02 JULY 2013
DATE ANALYSIS COMPLETED: 23 AUGUST 2013

Analysis relates only to the sample/s tested:

Analysis gave:

SEE ATTACHED PAGE 2



J. MULLER LABORATORIES (PTY) LTD DIRECTOR: B.M. JOHNSON

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CONDITIONS OF ISSUE ATTACHED*

International Olive Oil
Council Specifications

QALFFA (Ref AOCS Ca 5a-93) Free Fatty Acid (as oleic) %m/m 0,25
QALPV (Ref AOCS Cd 8b-93) Peroxide Value meq/kg 8,7


≤0,8 (Extra Virgin)
≤20 (Extra Virgin)


AOAC 963.22 Fatty Acid Methyl Esters:

C14 ⁰ Myristic Acid %	<0,05	≤0,05
C16 ⁰ Palmitic Acid %	12,7	7,5-20,0
C16 ¹ Palmitoleic Acid %	0,9	0,3-3,5
C18 ⁰ Stearic Acid %	2,52	0,5-5,0
C18 ¹ Oleic Acid %	71,7	55,0-83,0
C18 ² Linoleic Acid %	10,6	3,5-21,0
C18 ³ Linolenic Acid %	0,71	≤1,0
C20 ⁰ Arachidic Acid %	0,42	≤0,6
C20 ¹ Eicosenoic Acid %	0,30	≤0,4
C22 ⁰ Behenic Acid %	0,10	≤0,2
C22 ¹ Erucic Acid %	-	-
C24 ⁰ Lignoceric Acid %	<0,1	≤0,2
Trans fat %	<0,1	

Values reported as less than (<) are lower than the limit of quantification for the method employed.


LAB TECHNICIAN
S SMIT


ANALYST
P JOHNSON


LABORATORY MANAGER
L SHUTTLEWORTH

J. MULLER

LABORATORIES

Reg. No.1980/004037/07

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