



## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: BRAZIL NUT OIL, REFINED**

**LOT NUMBER: LOT0000118**

**PRODUCT INCI: BERTHOLLETIA EXCELSA SEED**

**PRODUCT CODE: K0077**

**CAS NUMBER: 160965-04-8**

**EINECS NUMBER: 310-127-6**

**MANUFACTURING METHOD: COLD PRESSED & REFINED**

**MANUFACTURE DATE: 13/4/2018**

**BEST BEFORE END: 30/9/2019**

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	OILY LIQUID	-
COLOUR	CLEAR – LIGHT YELLOW	-
COLOUR (LOVIBOND)	<30Y, 2.5R	20/1,4
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.890 – 0.950	0,921
REFRACTIVE INDEX @ 20°C	1.46 – 1.48	1,471
SAPONIFICATION VALUE	150.0 – 210.0	192
UNSAAPONIFIABLE MATTER	<1.5	0,5
FREE FATTY ACID (% AS OLEIC)	<1.0	0,1
PEROXIDE VALUE	<5.0	1,4
IODINE VALUE	70.0 – 115.0	104

FATTY ACID PROFILE		RANGE %	RESULTS
C-CHAIN	ACID NAME		
C14:0	MYRISTIC	<2.0	0,3
C16:0	PALMITIC	12.0 – 17.0	15,7
C16:1	PALMITOLEIC	<1.5	0,1
C18:0	STEARIC	3.0 – 10.0	4,3
C18:1	OLEIC	30.0 – 45.0	42,2
C18:2	LINOLEIC	30.0 – 46.0	36,2
C18:3	LINOLENIC	<1.0	0,2
C20:0	ARACHIDIC	<1.0	0,5
<b>c20:1</b>	EICOSENIAC	<1.0	0,2

<b>OTHERS</b>		<b>&lt;2.0</b>	<b>0,1</b>
---------------	--	----------------	------------

The Soap Kitchen  
Unit 8 Caddsdwn Industrial Park, Clovelly Road, Bideford,  
Devon EX39 3DX  
Tel: 01237 420872 (+44 (0)1237 420872)  
Email: [it@thesoapkitchen.co.uk](mailto:it@thesoapkitchen.co.uk)