



DOCUMENT NAME:

Analytical report

■ **PURPOSE OF THE DOCUMENT:**

determination of chemical parameters
in cold-pressed hemp oil Leodar

■ **REGISTRATION NUMBER:**

FD-2022-34559

■ **DATE OF ENTRY INTO FORCE OF THE DOCUMENT:**

09.03.2022

■ **VALIDITY PERIOD OF THE DOCUMENT:**

■ **NAME OF THE CERTIFYING AUTHORITY:**

Sharjah City Municipality (food laboratory section),
UAE

■ **KEYWORDS IN THE DOCUMENT:**

chemical composition, analysis,
peroxide number, fatty acid



DETAILED ANALYSIS REPORT

Sample No : FD-2022-34559

General

Request No : FD-22-504

SAMPLE INFORMATION

Sample Description : Hemp Seed Oil Extra Virgin

Brand Name : Leodar	Lic./ Source : 180331 - Industrial Innovation Group Limited
Origin : UZBEKISTAN	Emirate : Jebel Ali Free Zone
Wt. / Vol : 250 mL	Inspector : N/A
Packaging : GLASS	Submit Date : 02/03/2022
Condition : AMP	Prod. Date : N/A
Batch No : N/A	Expiry Date : N/A

PHYSICAL PROPERTIES

Label : Unsatisfactory
Colour : Normal
Odour : Normal
Taste : Not Applicable
Texture : Characteristic
Test Result : Satisfactory

CHEMICAL ANALYSIS

Analysis Start Date 07/03/2022

Analysis End Date 09/03/2022

PARAMETER	TEST METHOD	UNIT	DETECTION LIMIT	RESULTS
Peroxide Value	* SOP C/09	meq/kg	0.1	4.2
Fatty Acid C14:0	* GC/ SOP:C/ 12	%	0.06	0.08
Fatty Acid C16:0	* GC/ SOP:C/ 12	%	0.06	7.30
Fatty Acid Cis C16:1	* GC/ SOP:C/ 12	%	0.06	0.13
Fatty Acid Trans C16:1	GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C17:0	GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C18:0	* GC/ SOP:C/ 12	%	0.06	2.30
Fatty Acid C18:1 n-9	* GC/ SOP:C/ 12	%	0.06	18.80
Fatty Acid Trans C18:1	GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C18:1 n-7	* GC/ SOP:C/ 12	%	0.06	1.20
Fatty Acid C18:2	* GC/ SOP:C/ 12	%	0.06	52.10
Fatty Acid Trans C18:2	GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C20:0	* GC/ SOP:C/ 12	%	0.06	1.00
Fatty Acid C18:3	* GC/ SOP:C/ 12	%	0.06	3.00
Fatty Acid C22:0	* GC/ SOP:C/ 12	%	0.06	0.50
Fatty Acid C20:1	* GC/ SOP:C/ 12	%	0.06	0.60
Fatty Acid C22:1	* GC/ SOP:C/ 12	%	0.06	<0.06
Fatty Acid C24:0	GC/ SOP:C/ 12	%	0.06	<0.06
Free Fatty Acid (FFA)	* SOP C/01	%	0.03	1.13



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Comments

Conclusion NOT REQUIRED AS PER CLIENT'S REQUEST

Disclaimer 1 : * marks the UKAS accredited tests.

Disclaimer 2 : The above comment is based on the overall test results and are not part of the UKAS accreditation.

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