



Batch code: EUNDE-00021935
Report code: AR-23-KV-005728-01
 Non - Accredited

Sample code:	260-2023-05000803	Report code:	AR-23-KV-005728-01-02
Sample name:	Organic Black Cumin Seed Oil	Received on:	20.05.2023
		Analysed between:	20.05.2023 - 29.05.2023
Sample reference	Customer Provide details: Batch No-: SAM-BSO-272220819 Mfg date: May 2023 Best before April 2025		
Quantity received:	580 ml	Sample packing:	Plastic Bottle
Condition on receipt:	Good	Discipline:	Chemical
Sampling:	NOT SAMPLED BY EUROFINS		
Group:	Food and Agricultural Products		

CHEMICAL		Method	Result Unit	LOQ
KV072	KV Total Fat	By Calculation	99.79 g/100 g	
IR24D	IR Thymoquinone	EASI-CHE-SOP-205	1.97 g/100 g	0.01
MICROBIOLOGICAL		Method	Result Unit	
KV07S	KV Coliforms	IS 5401 (Part-2)	<0.30 MPN/ml	

Note:
 BLQ= Below Limit of Quantification.
 LOQ= Limit of Quantification.

The tests identified by the two letters code IR are subcontracted to our Eurofins Group lab.
 The tests identified by the two letters code KV are performed by Eurofins Analytical Services India (Gurugram), INDIA.



Mr Surjit Singh
 Assistant Manager -Lab Operation



Mr Sandeep Tyagi
 Assistant Manager- Microbiology

Remark: Report code AR-23-KV-005728-01-02 having 1 page is for non-accredited test parameters.

***** END OF REPORT *****

The results may not be reproduced except in full, without a written approval of the laboratory. The results relate only to the sample analysed.

Eurofins Analytical Services India Private Limited

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Batch code: EUINDE-00021935
Report code: AR-23-KV-005728-01



TC - 6400

Report date: 29.05.2023

House of Health Ltd
888 New North Road
Auckland 1026
New Zealand

Ms Sharon Erdrich



Scan to view NABL scope


 Scan to authenticate
this report

ANALYTICAL REPORT

Sample code:	260-2023-05000803	Report code:	AR-23-KV-005728-01-01
Sample name:	Organic Black Cumin Seed Oil	ULR:	TC640023000001549F
		Received on:	20.05.2023
		Analysed between:	20.05.2023 - 29.05.2023
Sample reference	Customer Provide details: Batch No:- SAM-BSO-272220819 Mfg date: May 2023 Best before April 2025		
Quantity received:	580 ml		
Condition on receipt:	Good	Sample packing:	Plastic Bottle
Sampling:	NOT SAMPLED BY EUROFINS	Discipline:	Chemical
Group:	Food and Agricultural Products		

CHEMICAL	Method	Result Unit	LOQ
KV344 KV Acid value	IS 548 (Part 1)	2.97	
KVAH2 KV Calories from fat	EASI-GEN-SOP-14	898.11 kcal/100 g	
KV074 KV Total carbohydrates	IS 1656	<0.4 g/100 g	0.4
KV184 KV Specific gravity	IS 548(P-1)	0.9124	
KV221 KV Energy (calculated)	EASI-GEN-SOP-14	898.11 kcal/100 g	
KV284 KV Free fatty acid	IS 548 (Part 1)	1.49 g/100 g	
KV420 KV Iodine value	IS 548 (Part 1)	119.47	
KV239 KV Peroxide value	IS 548 (Part 1)	33.74 meq/kg	
KV346 KV Protein	IS 7219	<0.1 g/100 g	0.1
KV185 KV Refractive Index@20 degree Centigrade	IS 548 (Part 1)	1.4734	
KV099 KV Saponification value	IS 548 (Part 1)	195.33	
KV100 KV Unsaponifiable matter	IS 548 (Part 1)	0.77 g/100 g	
HEAVY METALS	Method	Result Unit	LOQ
KV2JK KV Arsenic (As)	EASI-CHE-SOP-30	BLQ mg/kg	0.01

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HEAVY METALS		Method	Result Unit	LOQ
KV2JM	KV Cadmium (Cd)	EASI-CHE-SOP-30	BLQ mg/kg	0.01
KV2JL	KV Lead (Pb)	EASI-CHE-SOP-30	BLQ mg/kg	0.01
KV2JN	KV Mercury (Hg)	EASI-CHE-SOP-30	BLQ mg/kg	0.01

MICROBIOLOGICAL		Method	Result Unit
KV031	KV Escherichia coli	ISO 16649-2	<1 cfu/ml
KV018	KV Salmonella	ISO 6579-1	Absent /25 ml
KV003	KV Total plate count	ISO 4833-1	<1 cfu/ml
KV009	KV Yeasts & Moulds	ISO 21527-2	<1 cfu/ml

FATTY ACID PROFILE		Result Unit	LOQ
KV08X	KV Fatty acid profile Method: AOAC 996.01		
	20:3n6 homo-gamma-Linolenic	<0.1 g/100 g	0.1
	C 10:0 (Capric acid)	<0.1 g/100 g	0.1
	C 11:0 (Undecanoic acid)	<0.1 g/100 g	0.1
	C 12:0 (Lauric acid)	<0.1 g/100 g	0.1
	C 13:0 (Tridecanoic acid)	<0.1 g/100 g	0.1
	C 14:0 (Myristic acid)	0.22 g/100 g	0.1
	C 14:1 (Myristoleic acid)	<0.1 g/100 g	0.1
	C 16:0 (Palmitic acid)	13.51 g/100 g	0.1
	C 16:1 (Palmitoleic acid)	0.24 g/100 g	0.1
	C 18:0 (Stearic acid)	2.68 g/100 g	0.1
	C 18:1 (Oleic acid)	24.25 g/100 g	0.1
	C 18:1 n9 trans-Elaidin acid	0.27 g/100 g	0.1
	C 18:2 (Linoleic acid)	54.88 g/100 g	0.1
	C 18:2t (Linolelaidic Acid)	<0.1 g/100 g	0.1
	C 18:3 n3 (alpha-Linolenic acid)	0.37 g/100 g	0.1
	C 20:0 (Arachidic acid)	<0.1 g/100 g	0.1
	C 20:3 (Eicosatrienoic acid)	<0.1 g/100 g	0.1
	C 20:3n3 (cis-11,14,17-Eicosatrienoic Acid)	<0.1 g/100 g	0.1
	C 21:0 (Heneicosanoic acid)	<0.1 g/100 g	0.1
	C 22:0 (Behenic acid)	<0.1 g/100 g	0.1
	C 23:0 (Tricosanoic acid)	<0.1 g/100 g	0.1
	C 24:0 (Lignoceric acid)	<0.1 g/100 g	0.1
	C 24:1 (Nervonic acid)	<0.1 g/100 g	0.1
	C 6:0 (Caproic acid)	0.3 g/100 g	0.1
	C15:0 Pentadecanoic acid	<0.1 g/100 g	0.1
	C17:0 Heptadecanoic acid	<0.1 g/100 g	0.1
	C18:3n6 gamma-Linolenic acid	<0.1 g/100 g	0.1
	C20:2 Cis-11,14-Eicosadienoic acid	2.64 g/100 g	0.1
	C20:3n6 Cis-8,11,14-Eicosatrienoic acid	<0.1 g/100 g	0.1
	C20:5 cis-5, 8, 11, 14, 17-eicosapentaenoic acid	<0.1 g/100 g	0.1

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FATTY ACID PROFILE

Result Unit

LOQ

	<i>Result Unit</i>	<i>LOQ</i>
KV08X KV Fatty acid profile Method: AOAC 996.01		
C22:1 Erucic acid	<0.1 g/100 g	0.1
C22:2 w6 (cis-13,16-Docoadienoic)	<0.1 g/100 g	0.1
C22:6 cis-4, 7, 10, 13, 16,19-docosahexaenoic acid	<0.1 g/100 g	0.1
C4:0 Butyric acid	<0.1 g/100 g	0.1
C8:0 Caprylic acid	<0.1 g/100 g	0.1
Eicosenoic Acid cis 11 (C20:1, CIS-11)	0.18 g/100 g	0.1
Heptadecanoic acid (C17:1, CIS-10)	<0.1 g/100 g	0.1
Pentadecanoic Acid (C15:1, CIS-10)	<0.1 g/100 g	0.1

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