

## Nutritional analyses of Mercy Oil products

Chemical Analyses: 5ml portions (in replicate) were evaluated for trace elements by inductively coupled plasma mass spectrometry (ICP-MS); phosphate content by ion chromatography; pesticides by high performance liquid chromatography (HPLC), and vitamins by reverse phase HPLC.

Table One:

Reports mineral, fatty acid and amino acid levels for 5ml of Mercy Drinking Oil as well as the active components contained within Nigella sativa seed oil.

Minerals	Mercy Drinking Oil	Fatty Acid	Mercy Drinking Oil	Amino Acids	Mercy Drinking Oil
			Normalised %		Profile
Calcium	1.81%	Linoleic	55.10	Aspartic Acid	6.60#
Magnesium	0.38%	Oleic	24.00	Threonine	0.80#
Potassium	0.48%	Myristic Acid	0.20	Serine	6.90#
Chromium	2.30*	Pentadecanoic	<0.10	Glutamic Acid	11.00#
Cobalt	0.98%	Palmitic	12.50	Proline	1.60#
Iron	1726.00*	Palmitoleic	0.20	Glycine	4.40#
Iodine	122.00*	Heptadecanoic	0.10	Alanine	2.00#
Manganese	2.60*	Stearic	3.30	Cysteine	<1.00#
Molybdenum	0.18*	alpha-Linolenic	0.30	Valine	2.30#
Nickel	0.18*	Arachidic	0.20	Methionine	<1.00#
Selenium	48.50*	Eicosenoic	0.40	Isoleucine	2.80#
Vanadium	0.16*	Eicosadienoic	2.90	Leucine	2.50#
Zinc	126.80*			Tyrosine	<1.00#
Active components				Phenylalanine	5.00#
Thymoquinone	7940.00*			Histadine	12.00#
Thymol	1410.00*			Lysine	3.60#
				Arginine	1.90#

Table two: reports the vitamin levels for 5ml of Mercy Drinking Oil.

Vitamin	Mercy Drinking Oil
Vitamin A	16.80*
Vitamin B1	6.80*
Vitamin B2	3.20*
Niacin	65.80*
Vitamin C	87.20*

table notes: \* IU/ International Units of µg/g (micrograms per gram)

# IU/ International Units of µg/ml (micrograms per millilitre)

“I confirm the claims of my supplier, that Mercy Oil is the purest and of the highest quality.”

Dr Rothe, German General Practitioner

Chemical Analyses: 5ml portions (in replicate) were evaluated for trace elements by inductively coupled plasma mass spectrometry (ICP-MS); phosphate content by ion chromatography; pesticides by high performance liquid chromatography (HPLC), and vitamins by reverse phase HPLC.

Table One:

Reports mineral, fatty acid and amino acid levels for 5ml of Mercy Nettle Oil.

Minerals	Mercy Nettle Oil	Fatty Acids	Mercy Nettle Oil	Amino Acids	Mercy Nettle Oil
			Normalised %		Profile
Calcium	0.93%	Linoleic	55.10	Proline	0.14#
Magnesium	0.17%	Oleic	24.00	Methionine	0.06#
Potassium	0.22%	Myristic Acid	0.20	Lysine	0.09#
Chromium	1.48*	Pentadecanoic	<0.10	Nicotinic Acid	0.78#
Cobalt	0.23%	Palmitic	12.50	Pantothenic Acid	3.50#
Iron	799.00*	Palmitoleic	0.20		
Iodine	7.34*	Heptadecanoic	0.10		
Manganese	0.98*	Stearic	3.30		
Molybdenum	0.09*	alpha-Linolenic	0.30		
Nickel	0.15*	Arachidic	0.20		
Selenium	7.10*	Eicosenoic	0.40		
Vanadium	0.04*	Eicosadienoic	2.90		
Zinc	69.80*				

Table two: Reports the vitamin levels for 5ml of Mercy Nettle Oil.

Vitamin	Mercy Nettle Oil
Vitamin A	0.10*
Vitamin B1	0.10*
Vitamin B2	0.10*
Vitamin D3	0.01*
Vitamin E	162.00*

Table three:

Reports the fatty acid levels for Mercy Nettle Oil and Mercy Drinking Oil.

Fatty Acid	Mercy Nettle Oil	Mercy Drinking Oil
Saturated	11.02%	16.60%
Monosaturated	25.99%	23.21%
Polunsaturated	58.59%	55.79%

table notes: \* IU/ International Units of µg/g (micrograms per gram)

# IU/ International Units of µg/ml (micrograms per millilitre)