

Product	Standard Black Seed Oil
Botanical	Nigella sativa seed oil
Sample / Lot reference	3TP-89
Document type	ThymoCura customer-facing batch analytical summary
Source test dates	16 Jul 2026 (TQ) / 18 Sep 2026 (fatty-acid report)

Thymoquinone (TQ)

2.26% w/w Third-party analytical result associated with sample reference 3TP-89. Quantified by UPC2 with PDA detection.

Major fatty-acid profile

Component	Result
Palmitic (C16:0)	12.35%
Stearic (C18:0)	2.99%
Oleic (C18:1)	22.06%
Linoleic (C18:2)	58.14%
Eicosadienoic (C20:2)	3.05%

Document status and traceability

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THYMOCURA

TC-65397 - DETAILED ANALYTICAL SUMMARY

Thymoquinone analysis

Analyte	Result	Analytical basis
Thymoquinone (TQ)	2.26% w/w	UPC2 / PDA, 238 nm

Full fatty-acid profile

Component	Result	Method
Caproic (C6:0)	ND	GC-FID
Caprylic (C8:0)	ND	GC-FID
Capric (C10:0)	ND	GC-FID
Lauric (C12:0)	ND	GC-FID
Myristic (C14:0)	0.18%	GC-FID
Palmitic (C16:0)	12.35%	GC-FID
Palmitoleic (C16:1)	0.241%	GC-FID
Margaric (C17:0)	0.073%	GC-FID
Heptadecenoic (C17:1)	ND	GC-FID
Stearic (C18:0)	2.99%	GC-FID
Oleic (C18:1)	22.06%	GC-FID
Linoleic (C18:2)	58.14%	GC-FID
Linolenic (C18:3)	0.31%	GC-FID
Arachidic (C20:0)	0.19%	GC-FID
Eicosenoic / Gadoleic (C20:1)	0.39%	GC-FID
Eicosadienoic (C20:2)	3.05%	GC-FID
Behenic (C22:0)	ND	GC-FID
Docosenoic / Erucic (C22:1)	ND	GC-FID
Docosadienoic (C22:2)	ND	GC-FID
Lignoceric (C24:0)	ND	GC-FID
Nervonic (C24:1)	ND	GC-FID

ND = not detected in the source analytical report at the laboratory method limit for that analyte. Values above are transcribed into this manufacturer-issued summary from the controlled source records for sample 3TP-89.

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