

	
	UPC² ANALYSIS REPORT

Customer Information

Customer	
Address	
Report Address	
Tax Office and No	
Telephone	
E-Mail	

Sample Information

Sample	Black cumin seed oil			
Barcode No	Sample Code	Registration Date	Analysis Date	Report Date
UPC-20260164	3TP-89	16.07.2026	16.07.2026	16.07.2026

PROCEDURE

The sample “3TP-89” was subjected to UPC² analysis for quantification of Thymoquinone by Waters Acquity UPC² system.

Sample preparation

The sample was prepared with 2-isopropyl alcohol (4.0 % v/v) and 1 μ L sample was injected to the system.

Chromatographic Conditions

System: Waters Acquity UPC² System

Column: Waters Acquity UPC² HSS C18 1.9 μ m (3.0 x150 mm)

Column temperature: 40°C

Mobile Phase: 94 % CO₂ - 6% MeOH (0.1 % Formic acid) 0.6 mL/min

Back pressure: 2000 psi

Injection temperature: 15°C

Detector: 1) PDA

3D scan: 210-500 nm

2D scan: 238 nm

RESULTS

Thymoquinone content calculated in the sample “3TP-89” (UPC-20260164) is 2.26 % (2.26 mg/100mg).

REMARKS

- Analysis results comprise only for samples which are delivered to [REDACTED] laboratories.
- Our center is not responsible from source of the samples, sampling and handling of the samples until samples reached to our laboratories
- Results of the tests and analysis reports are not a quality certificate of the whole products.
- In case of using the results for any kind of publications or presentations (thesis, manuscript, report, poster, oral etc.) it should be mentioned that this analysis was done by [REDACTED]

Working Manager	Responsible of Quality Management	Analyst