

## Test Report

Sample number: 25-085443 0001

Berlin, 06.10.2025

Client:

Date of Entrance: 23.09.2025  
Sample name: flaxseed  
Your Sample number: L-1040025005  
Quantity: 1  
Weight: approx. 250 g  
Packaging: plastic packaging, labeled  
Sampling: by client, sample receipt by delivery service  
Temperature at arrival: ambient temperature  
Begin of examination: 24.09.2025  
End of examination: 06.10.2025

### Fatty acids

| Parameters              | Result | U     | Reference | Unit       | LOQ   | Method |
|-------------------------|--------|-------|-----------|------------|-------|--------|
| Sum omega-3-fatty acids | 56.4   | ± 8.5 |           | g/100g fat | 0.030 | M1     |

Decision rule: In case of an unsecured exceeding or falling below the target value used for conformity assessment, the expanded measurement uncertainty is taken into account. This is based on the analytical measurement uncertainty or, in the case of microbiology, on the standard uncertainty (according to ISO 19036) and is multiplied by the coverage factor  $k=2$  (corresponding to a confidence level of about 95 %). The measurement uncertainty of the sampling is reported separately if required. For microbiological methods, the combined standard uncertainty is assumed to be equal to the laboratory reproducibility standard deviation.

### Methods

| Abbreviation | Method                | Revision Date |
|--------------|-----------------------|---------------|
| M1           | DGF C-VI 11e (GC-FID) | 2009-09       |

### List of abbreviations

| Abbreviation | Explanation             |
|--------------|-------------------------|
| LOQ          | Limit of Quantification |
| U            | Measurement uncertainty |



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**Attachment**

