

# Ketosource<sup>®</sup> Pure C8 MCT Oil<sup>™</sup>

## Certificate of Analysis

**Manufacturing Date:** 07/2024

**Best Before Date:** 05/2025

**Batch No.:** SP1002

## Active Ingredients

| Active Ingredient   | Internal Specification | Test Result             | Lab Test Method                                       |
|---|------------------------|-------------------------|---|
| <b>MCT C8:0</b><br>- Caprylic acid triglyceride content as % of total grams   | 99%                    | 99.23%<br>(99.23g/100g) | BS EN ISO 12966-1:2014<br><br>DIN EN ISO 8534:2017-05 |
| <b>TOTAL MCT</b><br>- MCT content as % of total grams<br>- Calculated for saturated C6:0-C10:0 and C12:0 fatty acids as MCTs* | 99%                    | 99.93%<br>(99.93g/100g) | BS EN ISO 12966-1:2014<br><br>DIN EN ISO 8534:2017-05 |

## Quality Testing

| Quality Parameter  | Internal Specification | Test Result                | Lab Test Method   |
|--|------------------------|----------------------------|---|
| Heavy Metals<br>- <b>Mercury</b><br>- <b>Arsenic (As)</b><br>- <b>Cadmium</b><br>- <b>Lead</b> | ≤ 0.2 mg/kg            | Conforms to internal specs | Digestion via microwave assistance with analysis by inductively coupled plasma mass spectrometry (ICP-MS) |
| Micro<br>- <b>Aerobic plate count</b>  | ≤ 1000 cfu/g           | Conforms to internal specs | ISO 4833-1  |

\* The lab test that is used to assess individual fatty acids does not currently include C11:0 fatty acid in the analysis. So C11:0 MCT is not included as part of the 'Total MCT' calculation.



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|   |              |                               |  |
|---|--------------|-------------------------------|--|
| Micro<br>- <b>Yeast</b><br>- <b>Mould</b>   | ≤ 100 cfu/g  | Conforms to<br>internal specs | NCh 2734   |
| Micro<br>- <b>Coagulase positive<br/>staphylococcus</b><br>- <b>Escherichia coli</b><br>- <b>Enterobacteriaceae</b> | ≤ 100 cfu/g  | Conforms to<br>internal specs | Based on ISO<br>6888-1<br>(coagulase positive<br>staphylococcus)<br><br>ISO 16649-2<br>(E. coli)<br><br>BS ISO<br>21528-2:2004<br>(enterobacteriaceae) |
| Micro<br>- <b>Salmonella</b>  | Not detected | Conforms to<br>internal specs | MICROVAL<br>2019LR88   |

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*Complete Product Quality Transparency.*

*We Publish 3rd Party Lab Test Results for All Ketosource Products.*

*Email [team@ketosource.co](mailto:team@ketosource.co) for further technical enquiries.*

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