



Limbach Analytics GmbH · Arotop Laboratorien Mainz  
 Postfach 100 108 · 55132 Mainz

PFS GmbH  
 Lauber Str. 5a  
 93197 Zeitlarn

**Limbach Analytics GmbH**  
**Arotop Laboratorien Mainz**  
**Dekan-Laist-Str. 9**  
**55129 Mainz**

Tel: +49 6131 58380-0  
 Mail: [info@analytics-mainz.de](mailto:info@analytics-mainz.de)  
 Web: [www.limbach-analytics.de](http://www.limbach-analytics.de)

## Report of Analysis: L-26-01374

### Sample Information

27.02.2026

|                                  |  |
|----------------------------------|--|
| Your Label                       | TNT Synapsensauce (Nahrungsergänzungsmittel) |
| Supplier of samples              | PFS GmbH                                     |
|                                  | Lauber Str. 5a<br>93197 Zeitlarn             |
| Supplier / Manufacturer          | PFS GmbH                                     |
|                                  | Lauber Str. 5a<br>93197 Zeitlarn             |
| EAN-Code                         | 4260677732628                                |
| Number of samples                | 1  |
| Day of receipt                   | 10.02.2026                                   |
| Sampling                         | by customer                                  |
| Temperature on entry             | Rt   |
| State / Packaging                | plastic cup + cover                          |
| rated capacity                   | 440g   |
| Information regarding shelf life | 12/17/2027                                   |
| Lot / batch                      | 90312  |
| Analysis period                  | 10.02.2026 - 27.02.2026                      |

### Results

| Parameters   | Result | Unit  | Reference  |
|--|--------|-------|------------|
| Mikrobiologie: DGHM 6.2 Instantprodukte  |        |       |            |
| Total plate count<br><small>Methode: ASU § 64 LFGB L 00.00-88/2 2023-04</small>  | < 100  | CfU/g | 10.000 (R) |
| Enterobacteria<br><small>Methode: 3M™ Petrifilm®, Enterobacteriaceae Count Plate (EB), Katalog-Nr. 6420/6421, 2021-06</small>  | < 100  | CfU/g | 100 (R)    |
| E.coli<br><small>Methode: 3M™ Petrifilm®, Select E. coli Count Plate (SEC), Katalog-Nr. 6434/6435, 2021-06 / 3M™ Petrifilm®, Rapid E. coli/Coliform Count Plates (REC), Katalog-Nr. 6436/6437, 2021-10</small> | < 10   | CfU/g | 10 (R)     |

**Testing laboratory accredited by the German Accreditation Body (DAkkS) in accordance with DIN EN ISO/IEC 17025:2018, Registration number: D-PL-20185-01-01 to -08. Accreditation applies to the examination procedures listed in the document.**

|                        |                       |                                   |                              |
|------------------------|-----------------------|-----------------------------------|------------------------------|
| Limbach Analytics GmbH | Geschäftsführer:      | Sitz der Gesellschaft: Mannheim   | HypoVereinsbank              |
| Edwin-Reis-Straße 6-10 | Dr. Gerold Appelt     | Amtsgericht Mannheim   HRB 720967 | IBAN: DE77670201900023091771 |
| 68229 Mannheim         | Dr. Jürgen Grochowski | Ust-Id Nr.: DE298564631           | BIC: HYVEDEMM489             |
|                        | Markus Hoffmann       |                                   |                              |

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## Results

| Parameters  | Result       | Unit    | Reference       |  |
|---|--------------|---------|-----------------|--|
| Moulds<br>Methode: 3M™ Petrifilm®, Rapid Yeast and Mold Count Plates (RYM),<br>Katalog-Nr. 6475/6477, 2022-06                                     | < 100        | CfU/g   | 100 (R)         |  |
| Coagulase-positive staphylococci<br>Methode: ASU § 64 LFGB L 00.00-55 2024-08   | < 10         | CfU/g   | 10 (R)          |  |
| Bacillus cereus, presumptive<br>Methode: ASU § 64 LFGB L 00.00-33 2021-03   | < 100        | CfU/g   | 100 (R)         |  |
| Salmonellae (pcr)<br>Methode: SureTect™ Salmonella species PCR Assay (Real Time PCR),<br>Thermo Fisher Scientific REF A56841, Revision M, 09-2025 | undetectable | in 25 g | n.n. in 25g (W) |  |
| <b>Heavy metals</b>   |              |         |                 |  |
| Lead<br>Methode: ASU § 64 LFGB L 00.00-135, 2011-01   | 0,11         | mg/kg   | 3 (HG)          |  |
| Cadmium<br>Methode: ASU § 64 LFGB L 00.00-135, 2011-01  | < 0,005 (BG) | mg/kg   | 1 (HG)          |  |
| Arsenic<br>Methode: ASU § 64 LFGB L 00.00-135, 2011-01  | < 0,01 (BG)  | mg/kg   |                 |  |
| Mercury<br>Methode: ASU § 64 LFGB L 00.00-135, 2011-01  | < 0,01 (BG)  | mg/kg   | 0,1 (HG)        |  |

(G)=Limit, (HG)=maximum content, (S)= specification customer, (R)=reference value, (W)= critical value, (BG)=LOQ, (NG)=LOD, (o.a.V.)= no abnormal changes, (#)=Parameter is not accredited

Richt- und Warnwerte gemäß Deutscher Gesellschaft für Hygiene und Mikrobiologie (DGHM) 6.2  
 Höchstgehalte gemäß VO (EU) 2023/915, in der jeweils gültigen Fassung

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Guideline and warning values according to the German Society for Hygiene and Microbiology (DGHM) 6.2  
 Maximum levels according to Regulation (EU) 2023/915, as amended

## Conclusion

Zur mikrobiologischen Bewertung des Musters wurden die zur Zeit gültigen Richtwerte der DGHM (Deutsche Gesellschaft für Hygiene und Mikrobiologie) für die entsprechende Produktgruppe gewählt. Es wurden keine Überschreitung der Richtwerte - und somit auch der Warnwerte - festgestellt.

Aufgrund der durchgeführten Untersuchungen entspricht die Probe den gestellten Anforderungen.

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For the microbiological evaluation of the sample, the currently valid guideline values of the DGHM (German Society for Hygiene and Microbiology) for the corresponding product group were selected. No exceedances of the guideline values—and thus also of the warning values—were found.

Based on the tests performed, the sample meets the specified requirements.



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