CERTIFICATE OF ANALYSIS

Purovitalis GlyNAC Clarity · Report No. L-26-08599 · 20.11.2026

RESULTS SUMMARY

Microbiology	Heavy Metals	Pesticides	Active Content (NMR)
PASS	PASS	PASS	CONFIRMED

All tested parameters comply with EU requirements – conclusion confirmed by Limbach Analytics GmbH

PRODUCT INFORMATION

Product Name	Purovitalis GlyNAC Clarity – Glycine + NAC · Food Supplement
Supplier / Manufacturer	Purovitalis B.V. · Haarlem, the Netherlands · purovitalis.com
EAN	8720726160629
Batch / Lot	2026015
Shelf Life	End 05-2028
Packaging	Glass jar with screw cap · Nominal fill quantity 47 g
Samples Received	30.09.2026 (2 samples, sampled by client, received at room temperature)
Analysis Period	30.09.2026 – 20.11.2026
Report Date	20.11.2026
Report Reference	L-26-08599
Testing Laboratory	Limbach Analytics GmbH · Arotop Laboratorien Mainz · DAkkS accredited · D-PL-20185-01-01 to -08

ACTIVE INGREDIENT CONTENT

Method: SOP-MZ-010 2022-11, quantitative ^{1}H-NMR (PULCON method) · Amount per capsule based on the weighed contents of three capsules

Active ingredient	Share of capsule contents	Amount per capsule	Result
N-Acetyl-L-Cysteine (NAC)	44.8 ± 5.5 %	269 mg	CONFIRMED
L-Glycine	48.3 ± 3.1 %	290 mg	CONFIRMED

How to read these results: Each capsule contains a blend of two ingredients, NAC and glycine, in roughly equal parts. The percentages show how much of the capsule contents each ingredient makes up. They are not a measure of purity: together the two ingredients account for 93.1% of the contents, with the remainder consisting of bamboo extract and lying within the measurement uncertainty. **Purity:** the ^{1}H-NMR spectrum shows no significant impurities.

MICROBIOLOGY

Assessment against the current DGHM guideline and warning values for instant products (DGHM 6.2) · GV = guideline value · WV = warning value

Parameter	Result	Unit	Limit	Compliance
Total aerobic mesophilic count ASU § 64 LFGB L 00.00-88/2 2023-04	< 100	CFU/g	10,000 (GV)	PASS
Enterobacteriaceae 3M™ Petrifilm® EB Count Plate, 2021-06	< 100	CFU/g	100 (GV)	PASS
E. coli 3M™ Petrifilm® SEC / REC Count Plates, 2021-06 / 2021-10	< 10	CFU/g	10 (GV)	PASS
Moulds 3M™ Petrifilm® RYM Count Plate, 2022-06	< 100	CFU/g	100 (GV)	PASS
Coagulase-positive staphylococci ASU § 64 LFGB L 00.00-55 2024-08	< 10	CFU/g	10 (GV)	PASS
Bacillus cereus, presumptive ASU § 64 LFGB L 00.00-33 2021-03	< 100	CFU/g	100 (GV)	PASS
Salmonella (PCR) SureTect™ Salmonella species PCR Assay (real-time PCR), Rev. M, 09-2025	Not detected	in 25 g	Not detected in 25 g (WV)	PASS

HEAVY METALS

Limits per Regulation (EU) 2023/915 · max = maximum content · LOQ = limit of quantification

Parameter	Result	Unit	Limit	Compliance
Lead (Pb) ASU L 00.00-144:2019-07	0.13	mg/kg	3.0 max	PASS
Cadmium (Cd) ASU L 00.00-144:2019-07	< 0.05 LOQ	mg/kg	1.0 max	PASS
Arsenic (As) ASU L 00.00-144:2019-07	< 0.2 LOQ	mg/kg	—	PASS
Mercury (Hg) ASU L 00.00-19/4:2021-07	< 0.005 LOQ	mg/kg	0.1 max	PASS

PESTICIDES & CROP PROTECTION RESIDUES

Method: § 64 LFGB L 00.00-115: 2018-10 (GC-TOF/MS and LC-MS/MS, QuEChERS), Mannheim site

Parameter	Result	Unit	Limit	Compliance
Pesticide screening – GC-TOF/MS and LC-MS/MS (QuEChERS)	None detected	—	—	PASS

Laboratory conclusion: *The product complies with the specifications within the scope of the tests carried out. Heavy metal results meet Regulation (EU) 2023/915, no pesticide residues were detected, and no DGHM microbiological guideline or warning values were exceeded. NAC and glycine content were confirmed by ^{1}H-NMR with no significant impurities.*

SAMPLE AS TESTED



Sample as received, lab label L-26-08599



Front label


Composition / ingredients panel

LOQ = Limit of quantification · CFU = Colony-forming units · GV = Guideline value · WV = Warning value · max = Maximum content · ± = Measurement uncertainty · < = Below the stated value

AUTHORISATION

Mainz Laboratory	
Dr. Wolfram Wendler	
State-certified Food Chemist · Cross-check expert · Publicly appointed and sworn expert for food and commercial chemistry (IHK Rheinhessen)	
Report issued: 20.11.2026	

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Editorial note: This document is a reformatted, English-language version of the original laboratory report (L-26-08599) issued by Limbach Analytics GmbH. All analytical data are identical to the original. The layout has been adapted for clarity and readability. In case of any discrepancy, the original German-language report shall prevail.