



## Certificate of Analysis

**Productname:** Pentravan® (2021)

**Inspection No:** M00725/0225/536  
**Batchnumber:** 24J18-T04-117233  
**Expiration date:** 31.01.2028  
**Analysed according to:** FSCE-SPEC-0316

**Customer:** FAGRON a.s.  
**Sample Unit:** 1 x 500 g  
**Batch Size:** 1,001 x 500 g

|                        | Requirement                                   | Result  | Unit  | Standard remark    |
|------------------------|-----------------------------------------------|---------|-------|--------------------|
| CHARACTERS             |                                               |         |       |                    |
| Appearance             | Stiff, yellow cream.                          | Conform |       |                    |
| Odour                  | Slight odour of lecithin.                     | Conform |       |                    |
| IDENTIFICATION         |                                               |         |       |                    |
| Identification A       | Conform                                       | Conform |       | Benzoic acid, HPLC |
| Identification B       | Conform                                       | Conform |       | Sorbic acid, HPLC  |
| Identification C       | Conform                                       | Conform |       | Lecithin           |
| TESTS                  |                                               |         |       |                    |
| pH                     | 4,0 - 5,5                                     | 4,6     |       |                    |
| Yield value            | 40 - 150                                      | 126     | Pa    |                    |
| Viscosity              | 40000 - 150000                                | 80800   | mPa.s | 25+ - 2 °C         |
| Microbiology           | Conform                                       | Conform |       |                    |
| TAMC                   | $\leq 1 \times 10^2$                          | <10     | CFU/g |                    |
| TYMC                   | $\leq 1 \times 10^1$                          | <10     | CFU/g |                    |
| Pseudomonas aeruginosa | Absence/1g                                    | Conform |       |                    |
| Staphylococcus aureus  | Absence/1g                                    | Conform |       |                    |
| Candida albicans       | Absence/1g                                    | Conform |       |                    |
| TSE/BSE                | No contamination with TSE/BSE-risk materials. | Conform |       |                    |
| Residual solvents      | ICH Q3C                                       | Conform |       |                    |
| Metallic residues      | ICH Q3D                                       | Conform |       |                    |
| ASSAY                  |                                               |         |       |                    |
| Benzoic acid           | 0,19 - 0,27                                   | 0,22    | %     | HPLC               |
| Sorbic acid            | 0,17 - 0,33                                   | 0,25    | %     | HPLC               |

**Performed by:** QC Fagron a.s. (CZ)

**Responsible:** Mgr. Zdeňka Šinclová, QC  
 Ing. Martina Zemanová,

**Date:** 12.02.2025

**Conclusion:** APPROVED

This document has been produced electronically from our quality system and is valid without signature.

|             |                            |                  |                           |                  |                  |
|-------------|----------------------------|------------------|---------------------------|------------------|------------------|
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