

## Certificate of Analysis

**Product name:** **Carbo activatus**  
**Batch number / Weight:** **22A12-B04-224518 / 50 G**  
**Analysed according to:** **Ph.Eur.10.8**  
**Number of analysis / Inspection Code** **22A12-B04 / INS-22-2790**  
**Reference Code / No.:** **V00592 / 5276174**

| Tests                              | Requirement                                  | Result    | Unit      | Standard remark |
|------------------------------------|--|-----------|-----------|-----------------|
| Appearance                         | free from granular particles                 | Conform   |           |                 |
| Appearance                         | Light, black, amorphous powder,              | Conform   |           |                 |
| Identification A                   | Conform                                      | Conform   |           |                 |
| Identification B                   | Conform                                      | Conform   |           |                 |
| Acidity or alkalinity              | Conform                                      | 0,25mlHCl |           |                 |
| Acid-soluble substances            | <= 3   | 0,12      | %         |                 |
| Alkali-soluble                     | <= GG4                                       | Conform   |           |                 |
| in alkaline solutions              |  |           |           |                 |
| Alcohol-soluble substances         | <= 0,5                                       | 0,006     | %         |                 |
| Fluorescent substances             | Conform                                      | Conform   |           |                 |
| Sulphides                          | Conform                                      | Conform   |           |                 |
| Copper                             | <= 25  | 1,2       | ppm       |                 |
| Lead                               | <= 10  | 0,1       | ppm       |                 |
| Zinc                               | <= 25  | 5,8       | ppm       |                 |
| Loss on drying                     | <= 15  | 2,43      | %         |                 |
| Sulphated ash                      | <= 5,0                                       | 2,79      | %         |                 |
| Adsorption power                   | >= 40  | 42,25     | g / 100 g |                 |
| Metallic residues                  | CHMP/ICH/353369/2013                         | Conform   |           | Data producer   |
| Residual solvents                  | CPMP/ICH/82 260/06                           | Conform   |           | Data producer   |
| Total aerobic microbial count (TA) | <=10 <sup>3</sup>                            | <10       | CFU / g   |                 |
| Total yeasts and moulds (TYMC)     | <=10 <sup>2</sup>                            | <10       | CFU/g     |                 |
| TSE/BSE-statement:                 | No contamination with TSE/BSE-risk materials | Conform   |           | Data producer   |

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All the manufacturing stages of this batch have been carried out in full compliance with the GMP requirements of the EU and with the national legal requirements.

Analysis performed by the authorized lab Fagron PL lab

Release:

Agnieszka Pszczółka

Qualified Person

24-10-2022

Expiration: 21-11-2024

Conclusion: APPROVED

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