

# Certificate of Analysis

## Bio Ashwagandha

Lot: 7560177E14711; MHD: 02.2025

On behalf of natural elements GmbH, Mittelstraße 11-13, 40789 Monheim am Rhein, Eurofins Analytik GmbH analyzed the above-mentioned product under sample number 703-2023-00015754 and 703-2023-00015755 from 11.02.2023 to 20.02.2023 regarding the following substances:

- **Heavy Metals**  
(Lead, Cadmium, Mercury)
- **Microbiology**  
(Total plate Count, Moulds/Yeasts, Enterobacteriaceae, Escherichia coli, Coagulase positive Staphylococcus, Bacillus cereus, Salmonella)
- **Polycyclic aromatic hydrocarbons (PAH 4)**  
(Benzo[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Chrysene)
- **Pyrrolizidin alkaloids**  
(Echimidine/Heliosupine, Echimidine-N-oxide, Erucifoline, Erucifoline-N-oxide, Europine, Europine-N-oxide, Heliosupine-N-oxide, Heliotrine, Heliotrine-N-oxide, Echinatine/Rinderine/Indicine/ Lycopamine, Intermedine-N-oxide/Indicine-N-oxide/Echinatine-N-oxide, Intermedine, Jacobine, Jacobine N-oxide, Lasiocarpine, Lycopamine-N-oxide, Monocrotaline, Monocrotaline N-oxide, Retrorsine /Usaramine, Retrorsine-N-oxide/Usaramine-N-oxide, Rinderine-N-oxide, Senecionine /Integerrimine Senecionine N-oxide/Integerrimine-N-oxide, Seneciophylline/Spartioidine, Seneciophylline-N-oxide/Spartioidine-N-oxide, Senecivernine, Senecivernine N-oxide, Senkirkine, Trichosdemine)
- **Pesticides**  
(Organochlorine Pesticides and Pyrethroids, Organophosphorus Pesticides, Organonitrogen Pesticides and others)
- **Ethylene oxide**  
(2-Chloro-ethanol und Ethylene oxide (free))

and confirms that the sample complies with the currently valid legal limit values for these substances as well as the current orientation values for a dietary supplement in Germany. The sample was classified as marketable with regard to the parameters examined.



Sarah Hellmann  
state-certified food chemist