

# SuperSmart<sup>®</sup>

## CERTIFICATE OF ANALYSIS

Name: **SuperSmart D2000 oral spray**  
Product No.: 1035  
Batch No.: 064P0225  
Manufacture Date: 02/ 2025  
Best Before: 02/ 2027  
Quantity: 2.006 pcs

| Parameter                         | Method           | Specification                                            | Result            |
|-----------------------------------|------------------|----------------------------------------------------------|-------------------|
| <b>Appearance</b>                 | Visual           | White to yellow turbid liquid                            | Complies          |
| <b>Active ingredients</b>         |                  |                                                          |                   |
| Vitamin D<br>(Cholecalciferol)    | HPLC-DAD         | 50 µg/spray (0.20 ml)<br>(40 µg/0.20 ml – 60 µg/0.20 ml) | 55 µg/spray       |
| <b>Heavy metals</b>               |                  |                                                          |                   |
| Mercury                           | ICP-MS           | NMT 0.1 ppm                                              | NMT 0.1 ppm       |
| Lead                              | ICP-MS           | NMT 3.0 ppm                                              | NMT 3.0 ppm       |
| Cadmium                           | ICP-MS           | NMT 1.0 ppm                                              | NMT 1.0 ppm       |
| <b>Microbiological parameters</b> |                  |                                                          |                   |
| Total Plate Count                 | ISO 4833         | NMT 1000 cfu/g                                           | NMT 10 cfu/g      |
| Yeast                             | ISO 21527-2:2008 | NMT 10 cfu/g                                             | NMT 10 cfu/g      |
| Mold                              | ISO 21527-2:2008 | NMT 10 cfu/g                                             | NMT 10 cfu/g      |
| <i>E. coli</i>                    | Ph.Eur. 2.6.13.  | Not found in 1 g                                         | Not found in 1 g  |
| <i>Salmonella</i> ssp.            | ISO 6579         | Not found in 25 g                                        | Not found in 25 g |

**Conclusion:** SuperSmart D2000 oral spray complies with the specification.

Anja Pavlin,  
Quality Manager

Komenda, 04.03.2025