

CERTIFICATE OF ANALYSIS

Name: **SuperSmart D2000 oral spray**
 Product No.: 1035
 Batch No.: 321P1023
 Manufacture Date: 10/2023
 Best Before: 10/2025
 Quantity: 1.995 pcs

Parameter	Method	Specification	Result
Appearance	Visual	White to yellow turbid liquid	Complies
Active ingredients			
Vitamin D (Cholecalciferol)	HPLC-DAD	50 µg/spray (0.2 ml) (40 µg/0.2 ml – 60 µg/0.2 ml)	55 µg/spray
Heavy metals			
Mercury	ICP-MS	NMT 0.10 mg/kg	NMT 0.10 mg/kg
Lead	ICP-MS	NMT 3.0 mg/kg	NMT 3.0 mg/kg
Cadmium	ICP-MS	NMT 1.0 mg/kg	NMT 1.0 mg/kg
Microbiological parameters			
Total Plate Count	ISO 4833	NMT 1000 cfu/g	NMT 100 cfu/g
Yeast & Mold	ISO 21527-2:2008	NMT 100 cfu/g	NMT 100 cfu/g
<i>E. coli</i>	F-3	Not found in 1 g	Not found in 1 g
<i>Salmonella</i>	ISO 6579	Not found in 25 g	Not found in 25 g

Conclusion: SuperSmart D2000 oral spray complies with the specification.