

# Certificate of Analysis

We are very happy to share all our test results, in full, so you know exactly what you're getting (and what you're not getting) so you can judge the quality for yourself.

Beam &amp; Balance Spray

Batch: 43019

Expiry date: 03/2025

Vitamin D3 Tests	Unit	Limits / Specification	Results
Appearance	n/a	Transparent oily liquid	Conforms
Colour	n/a	Yellow	Conforms
Odour	n/a	Characteristic	Conforms
Peroxide Value	Meq/kg	< 10	0.1
Acid Value	mg KOH/g	Max. 1.0	0.02
Assay	iu/g	900,000 - 1,100,000	1,051,300
Heavy Metals	ppm (mg/kg)	Max. 3	< 0.1
Lead (Pb)	ppm (mg/kg)	Max. 0.5	< 0.01
Cadmium (Cd)	ppm (mg/kg)	Max. 0.1	< 0.01
Arsenic (As)	ppm (mg/kg)	Max. 0.5	< 0.01
Mercury (Hg)	ppm (mg/kg)	Max. 0.1	< 0.01
Chromium (Cr)	ppm (mg/kg)	Max. 0.1	< 0.01
Total Viable Count (TVC)	cfu/g	Max. 1,000	< 10
Yeasts & Moulds	cfu/g	Max. 100	< 10
E. coli per g	g	Negative	Conforms
Salmonella per 25g	g	Negative	Conforms
Staphylococcus aureus	g	Negative	Conforms
Coliforms	g	Negative	Conforms

Vitamin K2 Tests	Unit	Limits / Specification	Results
Appearance	n/a	Clear yellow oil	Conforms
Total all-trans vitamin K2	%	> 1.00	1.06
Cis isomer content	%	≤ 2.0	Conforms
Lead (Pb)	µg/g	< 0.1	Conforms
Cadmium (Cd)	µg/g	< 0.5	Conforms
Mercury (Hg)	µg/g	< 0.1	Conforms
Arsenic (As)	µg/g	< 0.5	Conforms
Total plate count	cfu/g	< 10 <sup>3</sup>	< 10
Total Moulds & yeasts	cfu/g	< 10 <sup>2</sup>	< 10
E. coli	g	Absent in 1g	Conforms
Coliforms	g	Absent in 1g	Conforms
Staphylococcus aureus	g	Absent in 1g	Conforms
Salmonella	g	Absent in 25g	Conforms
Bile Tolerant Gram Negative Bacteria	cfu/g	≤ 10 <sup>2</sup>	< 10