DOCTOR ELK
VETERINARY SUPPLEMENTS

CERTIFICATE OF ANALYSIS

PRODUCT NAME	Fish Oil Omega-3 4020EE	**BATCH NO.**	EE4020-260128-01
MANUFACTURE DATE	2026-01-28	**EXPIRY DATE**	2028-01-27

ITEMS	**ACCEPTANCE CRITERIA**		**TEST RESULT**
APPEARANCE	Colorless to pale yellow, clear oil		Complied
STEARIN	Clear after cooling at 0°C for 3 hours		Complied
IDENTIFICATION	RTs of EPA and DHA peak correspond to standard		Complied
ASSAY	EPA	≥40Area %	41.4
		≥370mg/g (EE)	391
	DHA	≥20Area%	22.4
		≥180 mg/g (EE)	214
	Total OMEGA-3	≥70 Area%	79.0
		≥600 mg/g (EE)	750
ABSORBANCE	≤ 0.5@ 233 nm		0.40
COLOR	≤ 6 Gardner		0.7
ACID VALUE	≤ 1.0 mg KOH/g		0.1
PEROXIDE VALUE	≤ 5.0 meq/kg		0.6
ANISIDINE VALUE	≤ 20.0		4.5
TOTAL OXIDATION	≤ 26.0		5.7
ETO (sum of ethylene oxide and 2-chloroethanol)	< 0.1 mg/kg		Complied
Oligomer	≤ 1%		Complied
Mixed tocopherols (GMO free)	2.0-2.8mg/g		2.0
HEAVY METALS	Arsenic ≤ 0.1 ppm		≤ 0.1
	Lead ≤ 0.05 ppm		≤ 0.05
	Mercury ≤ 0.1 ppm		≤ 0.005
	Cadmium ≤ 0.1 ppm		≤ 0.01
PESTICIDES AND POLLUTANTS	★ DDT ≤ 0.01ppm		≤ 0.005
	★ DDD ≤ 0.01ppm		≤ 0.005
	★ DDE ≤0.01ppm		≤ 0.005
	★ HCB ≤ 0.005ppm		≤ 0.005
	★ Benzo(a)pyrene≤ 1ng/g		≤ 0.5
	★ Sum 4 PAH≤ 10ng/g		≤ 10
	★ PCBs ≤ 0.045 ppm		≤ 0.01
	★ Dioxins like PCBs ≤ 1.5 pg/g		≤1
	★ PCDDs + PCDFs ≤ 1 pg/g		≤ 0.2
	★ PCDDs + PCDFs + dioxin-like PCBs≤ 3 pg/g		≤ 1.2

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