

Specification Sheet

Product Name	KinOmega 7008EE	Effective.:	Jan 01,2025
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Items		Units	Acceptance Criteria	Method
Characters	Appearance	Light yellow liquid.		Ph.Eur.11
	Odor	Slight fish-like odour.		
	Solubility	Practically insoluble in water, very soluble in acetone, in ethanol(96 percent), in heptane and in methanol.		
Identification		1. Peak retention time of EPA and DHA gas chromatography meets the standard. 2.EPA,DHA,total Omega-3 content meets the standard		USP 401
Stearin		Clear and transparent at 0°C for 3h		Ph.Eur
Colour		Gardner	Max. 6	Internal
Assay	EPA (C20:5 n3)	A%	Min. 70	USP 401
		mg/g as EE	Min. 650	
		mg/g as FFA	Min. 595	
	DHA (C22:6 n3)	A%	Min. 8	
		mg/g as EE	Min. 65	
		mg/g as FFA	Min. 60	
	Total Omega-3	A%	Min. 85	
		mg/g as EE	Min. 800	
		mg/g as FFA	Min. 730	
Moisture and Volatiles		%	Max. 0.1	Internal
Absorbance		@233nm	Max. 0.55	USP 401
Acid Value		mgKOH/g	Max. 1.0	USP 401
Peroxide Value		meq/kg	Max. 3.5	USP 401
Anisidine Value			Max. 17.0	USP 401
TOTOX			Max. 23.0	2PV + p-AV
Oligomer		%	Max. 7.0	Ph. Eur. 2.2.30
Iodine Value		g/100g	Min. 140	USP 401
Unsaponifiable Matters		%	Max. 1.5	Ph.Eur.2.5.7

*Cholesterol		mg/g	Max. 10.0	USP 401
*Residual Solvents (Ethanol)		%	Max. 0.5	Internal
*Inorganic Impurities	Arsenic	ppm	Max. 0.1	External
	Lead	ppm	Max. 0.1	External
	Mercury	ppm	Max. 0.1	External
	Cadmium	ppm	Max. 0.1	External
*Pesticide Residue	DDT(sum:o,p`+ p,p`)	ppm	Max. 0.05	External
	DDD(sum:o,p`+ ,p`)	ppm	Max. 0.05	External
	DDE p,p`	ppm	Max. 0.05	External
	HCB	ppm	Max. 0.05	External
*Benzo(a)pyrene		ppb	Max. 2.0	External
*PAH 4(Sum)		ppb	Max. 10.0	External
*Dioxin + Furan		PgWHO TEQ/g	Max. 1.0	External
*Dioxin-likePCBs		PgWHO TEQ/g	Max. 3.0	External
*Dioxin + Furan+Dioxin-like PCBs		PgWHO TEQ/g	Max. 3.0	External
*PCBs		ppm	Max. 0.09	External
*Glycidol	3-MCPD	mg/kg	Max. 2.5	Internal
	Glycidol	mg/kg	Max. 1.0	Internal
*Microbial Limits	Aerobe	cfu/ml	Max. 1000	Internal
	Yeasts and Molds	cfu/ml	Max. 100	Internal
	Escherichia Coli	in 10ml	Absent	Internal
	Salmonella	in 10ml	Absent	Internal
	S. aureus	in 10ml	Absent	Internal
	P. aeruginosa	in 10ml	Absent	Internal
Note: *Symbol items are skip tested 3 times per year .Tocopherol is added according to the customer's request.				
Packing and storage conditions: 190kg per steel drum under N2, keep in original packing, store in a cool and dry place.				
Shelf-life: 24 months in suggested storage condition.				