Omega-3 Concentrate

— · CAS — · Omega-3 concentrate, ethyl ester or triglyceride

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Omega-3 concentrate, ethyl ester or triglyceride	—	—	≥60.0% (GC)
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
GC fatty acid profile and wet chemistry	1 kg	1–7 days	1 kg amber bottle · 25 kg HDPE drum

DESCRIPTION

Omega-3 concentrate specified at ≥60.0% EPA+DHA by GC with a defined EPA/DHA ratio; the concentrate, the form (EE/TG) and the ratio are the specification.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
EPA + DHA	≥60.0% (GC)	As stated
EPA	30.0–36.0%	As stated
DHA	20.0–26.0%	As stated
Free fatty acid	≤0.10%	As stated
Peroxide value	≤5.0 meq O_2/kg	As stated
Anisidine value	≤20.0	As stated
Appearance	Clear, pale yellow oil	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Marker set	EPA+DHA ≥60.0% (GC)	Identity
Solubility	Insoluble in water; soluble in fats and in organic solvents.	Matrix dependent

APPLICATIONS

- Softgel capsules
- Oil-based blends

AVAILABLE FORMS

- Oil
- Powder on carrier on request

PACKING

STORAGE

- 1 kg amber bottle
- 25 kg HDPE drum

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

> **Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

Shaanxi Rainwood Biotech Co., Ltd. · Rm 218, Tangxing Digital Bldg, #6 Tangxing Rd, Xi'an, Shaanxi, China
info@rainwoodbio.com · nutrition.rainwoodbio.com