

NAILLEGEND

Massage Oil

Compliance & Technical Dossier

Classic · Lightweight · Aromatherapy · Clean / 100% Plant-Based | MCT · Sweet Almond · Jojoba Carrier
Bases · Essential-Oil Fragrance

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0. Dossier Overview & Legal Notice

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** Compliance & Technical Dossier — Overview | **Issue date:** 2026-06-22 | **Version:** 1.0

What this dossier is

This is the **Compliance & Technical Dossier** for the NailLegend **Massage Oil** category (classic, lightweight / fast-absorbing, aromatherapy and clean / 100% plant-based lines; carrier-oil blends with optional essential-oil fragrance). It brings together, in one document, the technical and regulatory information a brand-owner or distributor needs when sourcing this product on an OEM / Private-Label basis for the **US (FDA)** and **EU (Regulation EC 1223/2009)** markets.

The data in this dossier are **representative of NailLegend's standard production** for this category. They are typical values issued by NailLegend's in-house quality function. For a specific order, the figures are reconfirmed against the **final agreed formula and production batch**, and batch-specific certificates of analysis are issued with shipment.

Anhydrous (water-free) product — what changes

Massage oil is an **anhydrous oil blend**: a base of one or more **carrier oils** (e.g. fractionated coconut / MCT, sweet almond, jojoba), with optional essential oils for fragrance and an antioxidant (vitamin E / tocopherol) to slow rancidity. Because the product **contains no water**, micro-organisms cannot grow in it, so a preservative system is **not normally required** and there is **no preservative-efficacy or microbiological release section** in this dossier. The technical risk for this product is **oxidation / rancidity, not microbial spoilage** — so the controlling test here is the **Stability / oxidation (peroxide value) report (Section 7)**, supported by amber / light-barrier packaging and nitrogen flushing in production.

Regulatory responsibility

Final market-placement responsibility — FDA cosmetic listing (MoCRA), EU CPNP notification, appointment of the EU Responsible Person, the Cosmetic Product Safety Report (CPSR), the Product Information File (PIF), and final labelling and claims — rests with the **brand owner / importer**.

NailLegend, as the manufacturer, supplies the supporting technical documents in this dossier to enable that work.

Claims guardrails

A massage oil claiming **lubrication, moisturizing, soothing, relaxing or fragrance** is a **cosmetic**. Wording such as "*treats muscle injury*," "*relieves arthritis*," "*anti-inflammatory*" or "*medical*" reclassifies the product as a **drug** and triggers separate (OTC) regulation. Keep claims cosmetic — "*soothing / relaxing massage, conditions and softens skin*," not "*cures / treats muscle pain*." Lines dosed with menthol / camphor and claiming pain relief are especially likely to be treated as OTC drugs — avoid such claims.

How to read the data

- **Composition & specification** (INCI, TDS, formulation disclosure, allergen and IFRA statements) describe the product as manufactured.
- **Test sections** (stability / oxidation incl. peroxide value) present the applicable **methods, acceptance criteria, and typical results** for this product, issued by NailLegend's in-house QC. They represent standard production performance; batch-specific certificates accompany each shipment.

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1. INCI Ingredient List

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** INCI Ingredient List (representative — carrier-oil base, lavender-type aromatherapy) | **Issue date:** 2026-06-22 | **Version:** 1.0

The list below is the representative INCI composition for the Massage Oil. The definitive descending-order list and on-pack allergen call-outs are confirmed against the final agreed formula for each order before use on artwork or for CPNP notification. This is an **anhydrous (water-free) oil blend** — no water, no preservative system. Ingredients in *italics* are line-dependent (carrier-oil choice, essential-oil / fragrance, silicone-containing vs clean lines).

INCI declaration (descending order)

#	INCI name	Function
1	Caprylic/Capric Triglyceride	Carrier oil — fractionated coconut / MCT (stable, odourless base)
2	<i>Prunus Amygdalus Dulcis (Sweet Almond) Oil</i>	Carrier oil — emollient (tree-nut source — see Section 5)
3	<i>Vitis Vinifera (Grape) Seed Oil</i>	Carrier oil — light / fast-absorbing line
4	<i>Simmondsia Chinensis (Jojoba) Seed Oil</i>	Carrier (wax ester) — skin-affinity, oxidation-stable
5	<i>Helianthus Annuus (Sunflower) Seed Oil</i>	Carrier oil — high-oleic, cost base
6	<i>Dimethicone</i>	Slip / spreadability (silicone lines only; omitted in clean / plant-based)
7	Tocopherol	Antioxidant (vitamin E — anti-rancidity)
8	<i>Helianthus Annuus (Sunflower) Seed Oil (and) Rosmarinus Officinalis (Rosemary) Leaf Extract</i>	Natural antioxidant (ROE; clean lines)
9	<i>Parfum (Fragrance)</i>	Fragrance (synthetic; omitted in essential-oil-only / unscented)
10	<i>Lavandula Angustifolia (Lavender) Oil</i>	Essential oil — fragrance / aromatherapy
11	<i>Mentha Piperita (Peppermint) Oil</i>	Essential oil — cooling (sports / recovery line)
12	<i>Eucalyptus Globulus Leaf Oil</i>	Essential oil — cooling / clearing
13	<i>Citrus Aurantium Dulcis (Orange) Peel Oil</i>	Essential oil — citrus (use FCF / phototoxicity-controlled grade)
14	<i>Linalool, Limonene, Citral, Geraniol, Citronellol</i>	Fragrance allergens naturally present in essential oils (declared at threshold — see Section 5)

Notes for labelling

- **Anhydrous:** contains no Aqua and no preservative; micro-organisms cannot grow in the oil phase. There is no preservative or microbiological release entry for this product.
- **Ordering** is representative of standard production; the exact descending-order list is issued for the locked formula of each order.
- **EU fragrance allergens** present at or above the labelling threshold (0.001% leave-on) appear in the on-pack INCI list — see Section 5. Essential oils naturally contain these allergens, so they are common in aromatherapy lines.
- **Tree-nut source:** sweet-almond and similar tree-nut-derived oils carry an allergen-source note — see Section 5.
- **Citrus essential oils:** phototoxicity (bergapten / furocoumarins) is controlled by using FCF (furocoumarin-free) grades or limiting dosage — see Sections 5 and 6.
- **Colourant** (if any) sits within the target-market permitted list (EU Annex IV / US permitted colour additives); standard product is uncoloured.

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2. Technical Data Sheet (TDS)

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** Technical Data Sheet (representative specification) | **Issue date:** 2026-06-22 | **Version:** 1.0

1. Product description

A leave-on cosmetic **massage oil**: an **anhydrous (water-free) blend of carrier oils** providing slip for body / back / foot massage and aromatherapy spa use, optionally fragranced with essential oils and protected against rancidity by an antioxidant. Lines: **classic** (sweet almond / MCT base, light fragrance), **lightweight / fast-absorbing** (grapeseed / MCT), **aromatherapy** (essential-oil only), and **clean / 100% plant-based** (no silicone, no synthetic fragrance).

2. Physical & chemical specification (typical)

Property	Specification	Method
Appearance	Clear, bright mobile oil; free of suspended matter	Visual
Odour	Characteristic of essential oil / fragrance dosed; near-odourless (MCT base, unscented)	Olfactory
Colour	Colourless to pale yellow (carrier-dependent)	Visual / Gardner
Relative density (25 °C)	0.85 – 0.92 g/cm ³	Pycnometer
Viscosity (25 °C)	20 – 60 mPa·s (line-dependent)	Brookfield LVT, sp.1 @ 60 rpm
Refractive index (25 °C)	1.452 – 1.470	Refractometer
Peroxide value (PV), initial	≤ 5.0 meq O ₂ /kg	ISO 3960 / AOCS Cd 8b-90
Acid value (free fatty acid)	≤ 1.0 mg KOH/g	ISO 660
Water content	Anhydrous (≤ 0.3% adventitious)	Karl Fischer (ISO 8534)

pH is **not applicable** — this is a non-aqueous oil and has no measurable pH.

3. Preservation & microbiological status (anhydrous product)

This product is an **anhydrous oil blend (water activity effectively nil)**. Micro-organisms cannot grow in the absence of water, so **no preservative system is required** and **no preservative-efficacy (challenge) or microbiological release testing applies**. The relevant stability risk is **oxidation / rancidity**, addressed by antioxidant dosing, light-barrier packaging and nitrogen flushing, and verified by the

peroxide-value stability programme (Section 7). If a customer requests a formula that could contact or contain water, the preservation strategy is re-assessed and disclosed separately.

4. Packaging & primary material

- **Retail: amber glass bottle** or opaque / UV-protective PET (light barrier is standard, not optional — it slows oxidation), pump or dropper closure.
- **Salon / bulk:** opaque HDPE drum / jerrycan (1 L / 5 L), filled under nitrogen flush where specified.
- Secondary: carton / multi-pack / gift box to brief.

5. Storage, shelf life & usage

Item	Value
Storage	Cool, dry place, away from direct sunlight and heat ; 5 – 25 °C; keep tightly closed
Shelf life	24 months unopened (amber glass, antioxidant-protected); PAO 12M after opening
Directions	Dispense a small amount and massage onto skin. For external skin use. Patch test before first use (essential-oil lines).
Warnings	External use only. Avoid eyes and broken skin. Discontinue if irritation occurs. Citrus / phototoxic essential oils: avoid sun exposure after use unless FCF grade used. Tree-nut-derived oils: see allergen note (Section 5). Keep away from open flame (combustible liquid).

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3. Safety Data Sheet (SDS)

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** Safety Data Sheet — GHS 16-section (representative) | **Issue date:** 2026-06-22 | **Version:** 1.0

Prepared in the UN GHS 16-section format (aligned with US OSHA HazCom 29 CFR 1910.1200 and EU REACH Annex II). The finished product is a cosmetic; classification below reflects the representative formula. Batch- or formula-specific SDS is reissued where the agreed formula differs.

1. Identification — Product: Massage Oil (anhydrous carrier-oil blend). Use: cosmetic, external skin care / massage. Supplier: NailLegend (naillegend.com). Contact: Lareina. Emergency: contact supplier during business hours.

2. Hazard identification — GHS classification: Not classified as hazardous. The product is a non-volatile vegetable-oil blend. Skin / eye: may cause transient mechanical eye discomfort (oily film). Concentrated essential-oil lines may carry skin-sensitisation potential at high dosage — controlled within IFRA limits (see Sections 5 & 6 of the dossier). Signal word: None. Note: combustible liquid (high flash point); not a flammable-liquid hazard class.

3. Composition / information on ingredients — Mixture (cosmetic), anhydrous. Components of note: Caprylic/Capric Triglyceride (CAS 73398-61-5), Prunus Amygdalus Dulcis Oil (CAS 8007-69-0), Simmondsia Chinensis Seed Oil (CAS 61789-91-1), Tocopherol (CAS 10191-41-0), essential oils (e.g. Lavandula Angustifolia Oil CAS 8000-28-0) — within cosmetic use limits. Full composition: see Section 1 (INCI).

4. First-aid measures — Eyes: wipe excess, rinse with water several minutes; seek advice if discomfort persists. Skin: topical use; if irritation occurs (essential-oil lines), rinse and discontinue. Ingestion: do not induce vomiting; rinse mouth; seek advice if large amount swallowed. Inhalation: not a normal route of exposure.

5. Fire-fighting measures — Combustible liquid (high flash point, typically > 200 °C for vegetable oils). Suitable extinguishing media: foam, CO₂, dry powder, water fog. Note: oil-soaked rags / wipes can self-heat — dispose of wetted textiles safely.

6. Accidental release — Contain and absorb with inert material; surfaces become **very slippery** — mark and clean the slip hazard. Avoid bulk release to drains / watercourses.

7. Handling & storage — Handle per good hygiene practice. Store cool, dry, **away from direct sunlight and heat sources**; keep containers tightly closed to limit oxidation; keep away from open flame.

8. Exposure controls / PPE — Consumer use: no PPE required. Bulk handling (manufacturing): gloves and eye protection advisable; no specific occupational exposure limit assigned to the finished mixture.

9. Physical & chemical properties — Appearance, odour, density, viscosity, refractive index: see Section 2 (TDS). Physical state: mobile oily liquid. **pH: not applicable (anhydrous, non-aqueous)**. Flash point: high (> 200 °C, vegetable oil); not classified as flammable. Solubility: insoluble in water, miscible with oils.

10. Stability & reactivity — Stable under recommended storage. Hazard of note: **oxidation / rancidity over time and with heat, light and air exposure** — controlled by antioxidant and light-barrier packaging. Incompatibilities: strong oxidisers; prolonged heat / UV. Hazardous decomposition products: none under normal use.

11. Toxicological information — Finished cosmetic confirmed safe for normal use through the brand owner's CPSR. Essential-oil components may be skin-sensitising at high levels; kept within IFRA limits. Citrus essential oils may be phototoxic unless FCF grade used (see dossier Sections 5 & 6).

12. Ecological information — Vegetable-oil-based; no significant adverse effects expected in normal consumer use. Avoid bulk discharge to the environment.

13. Disposal — Dispose of contents and container in accordance with local regulations. Dispose of oil-soaked textiles safely (self-heating risk).

14. Transport information — Not classified as dangerous goods for transport (finished cosmetic, high-flash-point oil). UN number: none.

15. Regulatory information — Cosmetic finished product. US: FDA cosmetic (MoCRA). EU: Regulation (EC) 1223/2009. Fragrance / essential oils within IFRA Standards. Ingredients comply with applicable cosmetic inventories for the declared markets.

16. Other information — Abbreviations: MCT medium-chain triglyceride; PV peroxide value; ROE rosemary oleoresin extract; FCF furocoumarin-free; PAO period after opening. An SDS is not legally mandatory for a finished cosmetic in all markets but is commonly requested by importers and logistics partners; this SDS is provided for that purpose.

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4. Formulation Disclosure Statement

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** Formulation Disclosure Statement | **Issue date:** 2026-06-22 | **Version:** 1.0

This statement gives the brand owner's safety assessor the functional composition and permitted-range information needed to build the CPSR / PIF, while protecting NailLegend's specific know-how. Exact carrier-oil ratios and the locked formula percentages are disclosed **confidentially to the named safety assessor under NDA**; this statement provides the functional framework and confirms each restricted ingredient sits within its permitted limit.

1. Functional composition framework

Block	Function	Representative ingredients	Typical range
Carrier-oil base	Slip, emolliency, skin feel	Caprylic/Capric Triglyceride (MCT), Sweet Almond Oil, Grapeseed Oil, Jojoba, High-oleic Sunflower	80 – 99% (sum)
Antioxidant	Slow oxidation / rancidity	Tocopherol (vitamin E); Rosemary Extract (ROE, clean lines)	0.05 – 0.5%
Essential oil / fragrance	Aroma, aromatherapy	Lavender / Peppermint / Eucalyptus / Citrus essential oils, or Parfum, or none	0 – 2%
Slip modifier (line-dependent)	Enhanced spreadability	Dimethicone (silicone lines only; absent in clean / plant-based)	0 – 5%

There is **no water phase, no emulsifier, and no preservative system** — the product is anhydrous, so micro-organisms cannot grow and preservation is not required.

2. Restricted-ingredient confirmation

Ingredient (class)	Permitted basis	This product
Essential oils / fragrance	IFRA-compliant for leave-on (Category 5A); allergens declared at threshold	Within IFRA limits — see Sections 5 & 6
Citrus essential oils (phototoxic)	FCF (furocoumarin-free) grade, or within IFRA phototoxicity limit	FCF grade or limited dosage
Tocopherol (antioxidant)	Standard cosmetic antioxidant use	Within normal use level
Dimethicone (slip)	Standard cosmetic use (silicone lines)	≤ 5%; omitted in clean / plant-based lines
Tree-nut-derived oils (e.g. sweet almond)	Permitted; allergen-source note required	Declared — see Section 5
Colourant (if any)	EU Annex IV / US permitted colour additive	None unless tinted to brief

3. What is and is not disclosed

- **Disclosed openly:** the functional framework, carrier-oil identities, antioxidant and fragrance class, and confirmation each restricted ingredient is within its permitted limit.
- **Disclosed under NDA to the safety assessor only:** exact carrier-oil ratios and weight percentages of the locked formula, supplier identities, and process parameters (incl. nitrogen-flush conditions).
- **Not disclosed:** proprietary process know-how unrelated to safety assessment.

4. Manufacturer statement

For the locked formula supplied to a customer, NailLegend confirms that all ingredients are used within the limits and conditions permitted for cosmetic use in the customer's declared target markets, that the product is anhydrous and requires no preservative, and that supporting analytical data (oxidation / peroxide-value stability, allergen and IFRA conformity) is provided in this dossier.

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5. Fragrance Allergen Declaration

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** EU Fragrance Allergen Declaration + Tree-nut Source Declaration | **Issue date:** 2026-06-22 | **Version:** 1.0

Basis: EU Regulation (EC) 1223/2009. As a **leave-on** product, allergens present at $\geq 0.001\%$ (**10 ppm**) must be named in the on-pack INCI list. Massage-oil allergens come mainly from the **essential oils themselves**, which naturally contain components such as linalool, limonene, citral, geraniol, citronellol and eugenol. The table below shows a representative aromatherapy blend (lavender + sweet orange) dosed at 1.0%. Content is reconfirmed by the essential-oil / fragrance supplier for the specific aroma of each order; an **unscented / essential-oil-free** variant declares "none present." (Note: Reg. (EU) 2023/1545 expands the declarable list — the supplementary sheet is added where the target market requires it.)

A. Allergen content (representative — lavender + sweet-orange essential oil @ 1.0%)

#	Allergen (INCI)	CAS	Present	% in product	On-pack declaration
1	Linalool	78-70-6	Yes	0.2500	Required
2	Limonene	5989-27-5	Yes	0.1800	Required
3	Geraniol	106-24-1	Yes	0.0120	Required
4	Citronellol	106-22-9	Yes	0.0090	Required
5	Citral	5392-40-5	Yes	0.0060	Required
6	Coumarin	91-64-5	Yes	0.0015	Required
7	Eugenol	97-53-0	Trace	< 0.0010	Not required (below threshold)
—	Isoeugenol, Cinnamal, Benzyl Benzoate, Benzyl Salicylate, Farnesol, Benzyl Alcohol, others	various	No / trace	< 0.0010	Not required

On-pack declaration required for this blend: *Linalool, Limonene, Geraniol, Citronellol, Citral, Coumarin.*

Because essential oils are **naturally rich** in these terpenes, declared allergen levels in an aromatherapy massage oil are typically **higher than in a lightly-fragranced product** — declaration on pack is the norm, not the exception. Peppermint / eucalyptus and citrus blends shift the allergen profile (e.g. higher limonene in citrus); each ordered aroma is reconfirmed by the supplier.

B. Tree-nut source declaration

Several carrier oils are derived from **tree nuts / tree fruits** and must be flagged for nut-allergy risk management on the brand owner's documentation:

Carrier oil (INCI)	Botanical source	Allergen-source class
Prunus Amygdalus Dulcis (Sweet Almond) Oil	Almond	Tree nut
Prunus Armeniaca (Apricot) Kernel Oil	Apricot kernel	Tree fruit kernel
Argania Spinosa Kernel Oil	Argan	Tree nut / kernel

Refined carrier oils contain very low residual protein, but **tree-nut-derived oils are declared** so the brand owner can carry the appropriate consumer caution. **Fractionated coconut / MCT, grapeseed, jojoba and sunflower** carrier bases are **not tree-nut-derived** and are offered for nut-free positioning.

Declaration

For the essential oils / fragrance dosed in this product, the allergens marked "Required" above are included in the on-pack INCI list, and any tree-nut-derived carrier oil is identified to the brand owner. An **unscented** variant contains no added fragrance allergens. Values are reconfirmed by the essential-oil / fragrance supplier for the specific aroma and dosage of each order.

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6. IFRA Conformity Statement

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** IFRA Conformity Statement | **Issue date:** 2026-06-22 | **Version:** 1.0

This statement is supported by the **IFRA Certificate of Conformity issued by the fragrance / essential-oil supplier** for the specific aroma compound and its dosage. The supplier's certificate is held on file and provided to the brand owner's safety assessor on request. An **unscented** variant requires no IFRA statement.

1. Product use category

Item	Value
Product type	Massage Oil (leave-on, applied to body / hands / feet)
IFRA product category	Category 5A (body lotion / leave-on hand & body)
Fragrance / essential-oil dosage in finished product	1.0% (representative aromatherapy line; to brief)
IFRA Standards edition	51st Amendment

2. Conformity statement

The fragrance / essential-oil compound used at **1.0%** in this Massage Oil conforms to the **IFRA Standards (51st Amendment)** for the applicable leave-on product category. All restricted, prohibited and specified materials are within the maximum levels set by the relevant IFRA Standards for this use, as confirmed by the supplier's IFRA Certificate of Conformity held on file.

Leave-on limits are stricter: because massage oil stays on the skin (not rinsed off), Category 5A maximum-use levels for sensitising and phototoxic materials are tighter than for rinse-off products. This is the controlling constraint when raising essential-oil dosage.

3. Phototoxic (citrus) materials

Citrus essential oils (e.g. bergamot, sweet orange, lemon, lime) contain furocoumarins (e.g. bergapten) that are **phototoxic** in leave-on use. Conformity is achieved by using **FCF (furocoumarin-free) grades** or by keeping the citrus oil within the **IFRA phototoxicity limit** for Category 5A. The dosed product is confirmed within these conditions by the supplier's IFRA certificate.

4. Relationship to allergen labelling

IFRA conformity governs **safe use levels** and is separate from EU **allergen labelling** (declaring allergens at threshold). Allergen content for the dosed essential oils is reported in Section 5.

5. Authorisation

Confirmed on the basis of the fragrance / essential-oil supplier's IFRA certificate for the dosed aroma.

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7. Stability & Oxidation Test Report

Issued by: NailLegend · naillegend.com | **Contact:** Lareina | **Product:** Massage Oil **Document:** Stability & Oxidation (Peroxide Value) Test Report — representative result | **Issue date:** 2026-06-22 | **Version:** 1.0

Physical, chemical and oxidative stability supporting shelf life / PAO, tested in market packaging (amber glass bottle / opaque PET / opaque HDPE bulk). For an **anhydrous oil**, the controlling stability risk is **oxidation (rancidity), not microbial spoilage** — so the lead indicators are **peroxide value (PV)** and **acid value (free fatty acid)**, supported by antioxidant dosing, light-barrier packaging and **nitrogen flushing** of headspace. Results are **typical of NailLegend standard production**, issued by NailLegend in-house QC. Batch-specific stability is monitored under the ongoing programme.

Reference batch (example): **MO-2406-01**

1. Study design

Condition	Temperature	Pull points
Real-time	25 ± 2 °C / 60% RH	0, 3, 6, 12, 24 months
Accelerated	40 ± 2 °C / 75% RH	0, 1, 2, 3 months
Light exposure	ICH-type light cabinet	per protocol
Cold	4 °C	per protocol (clarity / clouding)

Packaging tested: amber glass bottle / opaque PET (retail) and opaque HDPE (bulk); headspace nitrogen-flushed per production spec.

2. Parameters & results (typical)

Parameter	Acceptance	T0	Accel. 3 mo	Real-time 12 mo	Pass/Fail
Appearance (clear, bright, no separation)	Conforms	Conforms	Conforms	Conforms	Pass
Colour	Within range	Pass	No significant change	No significant change	Pass
Odour (no rancid / off note)	No rancidity	Pass	Pass	Pass	Pass
Peroxide value (PV)	≤ 10.0 meq O ₂ /kg over shelf life	2.1	5.8	4.6	Pass
Acid value (free fatty acid)	≤ 2.0 mg KOH/g	0.4	0.9	0.7	Pass
Viscosity (25 °C)	Spec ± 15%	38 mPa·s	within	within	Pass
Fragrance / aroma character	Conforms	Pass	Pass (minor top-note shift)	Pass	Pass
Closure / leak (oil-tight)	No leak	Pass	Pass	Pass	Pass

PV rises faster under accelerated heat (expected for oils) yet stays within limit; real-time PV remains low – confirming the antioxidant + amber-glass + nitrogen-flush system controls oxidation. No microbiological testing is performed: the product is anhydrous and cannot support microbial growth.

3. Conclusion

Based on accelerated and real-time data, with peroxide and acid values held within limit, the assigned shelf life is **24 months** unopened in amber glass / opaque packaging (PAO 12M after opening). Real-time study to 24 months is ongoing and confirms oxidative stability to date. Overall result: **PASS (real-time ongoing)**.

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