



CERTIFICATE OF ANALYSIS (COA)

PRODUCT INFORMATION

Product Name: Aniseed Myrtle Oil

Botanical Name: *Syzygium anisatum* (formerly *Backhousia anisata*)

INCI Name: Backhousia Anisata Leaf Oil

CAS Number: 8008-46-6

Country of Origin: Australia

Plant Part: Leaves & Young Twigs

Extraction Method: Steam Distillation

Product Type: Natural Essential Oil

Batch Number: AMO-260702

Manufacturing Date: June 2026

Retest Date: June 2028

Issue Date: 02 July 2026

SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to pale yellow	Conforms
Odour	Sweet, rich anise, liquorice, warm herbaceous	Conforms
Relative Density (20 °C)	0.975 – 0.995	Conforms
Refractive Index (20 °C)	1.5530 – 1.5620	Conforms
Optical Rotation (20 °C)	-5° to +5°	Conforms
Flash Point	>90 °C	Conforms
Solubility	Soluble in ethanol and fixed oils; insoluble in water	Conforms
trans-Anethole (GC)	80.0 – 95.0%	Conforms
Purity	100% Pure Essential Oil	Conforms
Botanical Identity	<i>Syzygium anisatum</i>	Conforms
Additives	None	Conforms



Foreign Matter None detected Conforms

The composition of Aniseed Myrtle Oil is naturally dominated by trans-anethole, typically ranging between 80–95%, with minor naturally occurring constituents including estragole, anisaldehyde, α -pinene and 1,8-cineole. These ranges are consistent with published Australian producer specifications and technical literature.

ADDITIONAL INFORMATION

Chemical Class: Natural Essential Oil

Physical State: Liquid

Purity: 100% Pure and Natural

GMO Status: GMO Free

BSE/TSE Status: Free from animal-derived materials

Irradiation: Not Irradiated

Preservatives: None Added

Residual Solvents: None (Steam Distilled)

CONCLUSION

The above material conforms to the established quality specifications for Aniseed Myrtle Oil and is suitable for professional perfumery, cosmetic and flavour applications.

Aniseed Myrtle Oil is obtained by steam distillation of the leaves and young twigs of *Syzygium anisatum*, an Australian native species renowned for producing one of the highest naturally occurring concentrations of trans-anethole of any essential oil. It possesses a rich sweet anise, liquorice and warm herbaceous aroma and is highly valued in fine fragrance creation and flavour applications.

Authorized by

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