



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Oakmoss Green Absolute
Botanical Source	<i>Evernia prunastri</i> (L.) Ach.
INCI Name	Evernia Prunastri Extract
Alternative INCI Description	Evernia Prunastri (Oakmoss) Extract
CAS Number	90028-68-5
EC Number	289-861-3
FEMA Number	2795
Plant Material	Lichen
Extraction Method	Solvent extraction followed by absolute preparation
Product Type	Natural Complex Substance / Botanical Absolute
Commercial Grade	Green Absolute
Batch Number	OAK-GRN-2607

ORGANOLEPTIC ANALYSIS

Test	Representative Specification	Representative Result
Appearance	Viscous liquid, paste or soft resinous mass	Conforms
Colour	Deep green, olive-green to greenish brown	Conforms
Odour	Characteristic mossy, earthy, woody, forest-like, leathery and slightly phenolic	Conforms
Odour Strength	Strong and persistent	Conforms
Texture	Smooth, viscous and resinous	Conforms
Foreign Matter	Absent	Conforms



Olfactive Identity	Corresponds to approved oakmoss reference	Conforms
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PHYSICO-CHEMICAL ANALYSIS

Test	Representative Specification	Representative Result
Relative Density at 20 °C	1.000–1.100	1.052
Refractive Index at 20 °C	1.500–1.560	1.534
Acid Value	Maximum 35.0 mg KOH/g	22.1 mg KOH/g
Water Content	Maximum 1.0%	0.38%
Solubility in Ethanol	Soluble to partially soluble; slight haze permitted	Conforms
Flash Point	Typically above 60 °C	Representative conformity
Residual Solvent	Within commercial working specification	Conforms
Chromatographic Identity	Consistent with representative oakmoss profile	Conforms

REPRESENTATIVE COMPOSITION

Oakmoss Green Absolute is a natural complex substance. Its composition varies according to botanical origin, harvesting conditions, extraction and purification.

Constituent Group	Representative Status
Lichen acids and derivatives	Present
Depsidones and depsidones	Present
Evernic-acid-related constituents	Present
Resinous and phenolic constituents	Present
Atranol	May be present
Chloroatranol	May be present
Dehydroabietic Acid	May be present
Naturally occurring fragrance allergens	Batch dependent
Added Synthetic Fragrance	None intentionally added
Added Carrier or Diluent	None intentionally added

IFRA-CRITICAL ANALYTICAL STATUS



The applicable IFRA Oakmoss Extract Standard requires compliant oakmoss extract to meet specified restrictions for atranol, chloroatranol and dehydroabietic acid, and prohibits the addition of treemoss extract.

Parameter	IFRA Specification	Batch Status
Atranol	Below 100 ppm	Not analytically certified
Chloroatranol	Below 100 ppm	Not analytically certified
Dehydroabietic Acid	Maximum 0.1%	Not analytically certified
Added Treemoss Extract	Not permitted	None intentionally added
Low-Atranol Grade	Requires analytical confirmation	No claim made
IFRA-Conforming Grade	Requires full conformity	Not established

PURITY AND QUALITY STATUS

Assessment	Status
Natural Botanical Extract	Conforms
Concentrated Absolute	Yes
Green Commercial Grade	Yes
Low-Atranol Grade	Not established
IFRA-Compliant Grade	Not established
Added Artificial Colour	None intentionally added
Added Preservative	None intentionally added
Added Carrier Oil	None intentionally added
Animal-Derived Material	None
BSE/TSE Risk	Not applicable
GMO Material	Not intentionally used

STORAGE CONDITIONS

Store:

- In the original tightly closed container
- At 5–20°C
- Protected from direct sunlight, heat and moisture
- Away from strong oxidising agents
- With minimum container headspace where practical

The product may become highly viscous or semi-solid at lower temperatures. Gentle warming of the closed container may be used to restore uniformity. Avoid excessive or prolonged heating.



SHELF LIFE

24 months from the manufacturing date when stored unopened under the recommended conditions.

CONCLUSION

The representative organoleptic and physicochemical values conform to Aromology Trading LLC's working commercial specification for:

Oakmoss Green Absolute

The word "Green" describes the product's commercial colour and olfactive profile. It does not establish:

- Low-atranol processing
- Removal of chloroatranol
- Compliance with the IFRA Oakmoss Extract Standard
- Suitability for EU cosmetic use

This Certificate of Analysis contains representative commercial values. It is not a substitute for an original batch laboratory report or quantitative GC/MS analysis.

AUTHORISED BY

Fozia Khot

Director

Aromology Trading LLC