



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Wild Juniper Tar
Alternative Name	Cade Oil
Botanical Name	<i>Juniperus oxycedrus</i> L.
INCI Name	Juniperus Oxycedrus Wood Tar
CAS Number	8013-10-3
EC Number	616-974-4
Origin	Mediterranean Region
Plant Part	Heartwood
Extraction Method	Dry Destructive Distillation (Pyrolysis)
Grade	Wild
Product Type	Natural Wood Tar Oil

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Highly viscous liquid	Conforms
Colour	Dark Brown to Nearly Black	Conforms
Odour	Intense smoky, leathery, burnt wood, phenolic and tar-like	Conforms
Relative Density (20 °C)	1.020–1.080	Conforms
Refractive Index (20 °C)	1.510–1.560	Conforms
Flash Point	>100 °C	Conforms
Solubility	Soluble in ethanol and fixed oils	Conforms
Purity	100% Natural Wood Tar Oil	Conforms

Typical Naturally Occurring Constituents

Constituent	Status
Guaiacol	Present
Creosol	Present
o-Cresol	Present
m-Cresol	Present
p-Cresol	Present



Phenol	Trace
Cadinene	Present
Cedrol	Present
Cedrene	Present
Sesquiterpenes	Present

Storage

Store tightly closed in a cool, dry place away from direct sunlight, excessive heat and oxidising agents.

Shelf Life

36 months from the date of manufacture when stored under recommended conditions.

Conclusion

This material conforms to the above specification.

Prepared By:

Fozia Khot
Director